

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
All technologies									
Total, all countries	35,346.4	38,389.4	35,219.8	27,123.6	22,626.8	13,629.5	24,547.6	32,032.1	29,879.3
NAFTA partners, total	5,617.3	5,534.7	6,639.8	7,150.0	8,081.4	7,962.2	8,206.2	8,718.5	8,157.5
Canada.....	4,510.9	4,093.0	4,807.6	5,291.4	5,831.5	7,299.4	7,239.3	7,280.2	6,127.8
Mexico.....	1,106.4	1,441.7	1,832.2	1,858.5	2,249.9	662.8	966.9	1,438.4	2,029.6
Europe Four, total	15,169.4	14,873.9	12,168.7	10,201.9	11,562.2	11,212.5	10,617.2	11,695.0	11,238.2
France	2,332.4	2,610.6	1,511.4	840.1	1,099.8	1,221.9	1,034.3	791.2	296.8
Germany, Federal Republic of	5,119.8	5,754.5	4,682.3	3,604.8	3,442.8	3,769.3	3,913.6	2,753.3	2,685.2
Italy	1,507.1	1,752.1	1,880.9	955.0	1,340.7	1,302.8	1,195.4	1,137.9	872.0
United Kingdom	6,210.2	4,756.6	4,094.3	4,802.0	5,678.8	4,918.5	4,473.8	7,012.5	7,384.2
Other Western Europe, total	7,882.9	8,234.8	6,800.9	5,596.6	7,628.8	7,762.4	8,364.3	8,395.3	7,419.2
Belgium	1,177.3	1,337.7	982.2	834.7	989.8	728.9	868.1	842.9	1,393.5
Greece	87.0	309.7	152.3	206.5	138.0	665.3	171.3	251.6	667.1
Ireland	764.3	600.8	606.2	246.1	902.1	349.8	84.4	-739.2	-1,899.7
Netherlands	3,389.0	2,862.7	2,463.6	2,705.9	3,442.7	4,219.1	4,288.9	6,212.2	5,797.6
Portugal.....	217.6	157.2	332.4	107.7	428.5	162.9	166.8	189.5	179.8
Spain	1,500.1	1,334.7	1,277.9	847.6	987.2	1,049.1	1,046.0	855.5	680.3
Switzerland	747.6	1,632.0	986.4	648.0	740.5	587.4	1,738.8	782.9	600.6
Nordic Countries, total	2,343.8	2,491.7	1,746.8	1,308.6	1,235.0	1,450.5	2,767.0	1,752.9	2,485.0
Denmark.....	450.2	582.9	487.7	233.2	270.1	422.8	508.6	374.4	559.5
Finland	381.1	303.8	163.9	225.4	241.8	268.5	1,331.5	431.8	683.6
Iceland	147.2	55.6	22.3	7.0	13.4	41.7	85.7	19.6	83.5
Norway.....	454.3	563.9	426.6	358.8	296.9	220.6	354.1	399.3	363.2
Sweden	911.0	985.5	646.2	484.2	412.9	497.0	487.1	527.8	795.2
Central/Eastern Europe, total ..	364.1	531.6	1,063.4	1,094.5	997.7	743.6	398.1	819.6	863.4
Austria	220.8	297.1	367.4	279.5	177.8	269.8	142.0	300.9	263.0
Czech Republic.....	0.0	0.0	0.0	93.7	88.5	94.0	78.0	231.1	187.3
Czechoslovakia.....	17.7	37.1	243.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	18.6	124.3	130.0	237.1	91.1	36.6	-75.7	-308.9	-715.4
Poland	107.0	72.9	199.2	249.1	177.6	182.8	142.8	381.3	134.3
Russia	0.0	0.0	115.3	203.1	437.3	141.2	64.6	161.5	905.1
Slovakia.....	0.0	0.0	0.0	8.7	14.0	13.0	22.6	34.5	59.4
Slovenia	0.0	0.0	8.5	23.3	11.4	6.2	23.9	19.1	29.8
Asia, total	-7,256.7	-5,198.1	-7,403.0	-12,190.7	-20,241.5	-29,411.7	-22,593.7	-21,228.3	-25,351.5
China	1,079.2	1,351.4	2,254.8	2,293.9	759.0	-985.6	-661.5	-1,129.7	-69.4
Hong Kong	701.0	1,156.9	1,372.0	1,436.6	1,833.1	2,559.2	2,930.9	3,026.1	2,950.3
India	267.7	199.6	194.9	676.6	446.0	458.9	758.5	539.5	824.1
Indonesia	509.8	157.6	378.4	565.7	71.1	-179.2	104.3	267.3	-438.4
Japan	-7,235.1	-7,434.1	-8,854.7	-12,808.5	-14,312.9	-15,533.2	-10,350.8	-10,461.6	-9,566.2
South Korea	-172.7	714.9	524.2	-26.4	-452.9	-2,720.0	-51.4	28.1	-1,894.9
Malaysia	468.4	260.9	-483.1	-865.6	-2,381.7	-4,150.4	-4,703.1	-3,516.3	-5,047.0
Philippines	264.7	-3.0	-132.0	100.3	-41.0	-220.9	-487.3	-1,033.5	-2,248.6
Singapore	-2,464.0	-2,175.7	-3,234.7	-3,236.3	-4,527.5	-6,066.2	-7,109.4	-6,245.6	-5,745.2
Taiwan	-833.0	82.8	244.0	113.9	-966.2	-2,323.6	-3,053.0	-2,609.4	-3,231.8
Thailand	157.4	490.7	333.1	-440.9	-668.5	-250.8	29.1	-93.0	-884.3
South America, total	1,817.8	2,594.2	2,880.7	2,677.7	3,082.2	3,879.4	4,795.7	6,269.1	6,236.8
Argentina	288.8	403.6	760.4	840.0	1,028.1	807.2	839.1	1,214.6	1,342.1
Brazil	1,169.1	1,821.8	1,615.4	1,445.8	1,583.3	2,359.8	3,027.7	3,937.0	3,528.5
Chile	292.9	306.6	433.0	306.9	344.2	507.1	728.6	780.6	1,032.6
Peru.....	66.9	62.2	71.9	85.0	126.7	205.3	200.4	336.9	333.5
Africa, total	489.7	716.9	583.8	684.5	470.4	565.9	566.4	715.7	1,319.7
Kenya	11.1	12.3	9.9	13.4	16.9	12.9	16.4	99.2	56.8
Nigeria	76.0	49.2	50.7	55.3	33.3	27.8	26.3	26.2	38.4
South Africa, Republic of	402.5	655.4	523.2	615.8	420.2	525.2	523.6	590.3	1,224.5
All other countries	8,918.2	8,609.7	10,738.5	10,600.5	9,810.6	9,464.6	11,426.3	14,894.2	17,510.9

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
(In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Biotechnology									
Total, all countries	629.1	657.3	697.0	833.5	956.0	610.7	648.6	653.7	721.1
NAFTA partners, total	68.3	83.0	97.9	125.0	143.0	110.2	123.1	150.5	171.6
Canada	70.0	84.0	97.4	119.1	133.2	100.2	104.2	115.1	149.9
Mexico	-1.7	-1.0	0.5	6.0	9.8	10.0	19.0	35.4	21.7
Europe Four, total	133.9	123.1	142.8	188.6	186.5	136.6	183.5	184.0	64.0
France	15.3	12.4	12.9	16.9	22.9	-8.0	-7.3	-37.3	-55.6
Germany, Federal Republic of	84.8	63.8	69.5	86.5	104.6	128.0	148.3	162.7	83.9
Italy	15.7	26.6	21.7	27.5	19.2	8.6	0.1	1.3	10.4
United Kingdom	18.1	20.3	38.7	57.8	39.8	8.1	42.4	57.2	25.3
Other Western Europe, total	141.5	167.3	165.1	229.3	267.1	52.7	33.5	-98.8	81.2
Belgium	27.3	32.4	43.1	89.9	118.2	-25.1	24.9	-7.0	126.8
Greece	1.0	1.7	1.6	2.7	3.0	2.6	2.8	6.3	1.0
Ireland	48.2	78.3	57.4	78.1	93.8	79.0	30.1	49.5	-45.2
Netherlands	27.5	27.3	38.6	41.3	25.8	10.5	9.7	3.7	37.0
Portugal	0.3	0.2	0.3	0.3	0.9	0.5	0.6	0.2	0.2
Spain	20.9	21.9	23.9	29.4	33.9	10.0	18.9	26.0	45.6
Switzerland	16.2	5.5	0.1	-12.4	-8.6	-24.8	-53.6	-177.5	-84.2
Nordic Countries, total	33.9	32.5	34.4	41.0	30.0	23.3	14.0	12.2	10.7
Denmark	3.3	4.2	4.5	2.1	1.6	3.4	7.5	1.5	0.8
Finland	17.5	16.8	16.2	25.1	20.1	13.6	2.3	0.9	0.5
Iceland	0.1	0.2	0.3	0.2	0.0	0.0	0.2	0.2	0.1
Norway	0.7	2.0	3.3	5.3	4.2	3.1	1.3	6.8	6.4
Sweden	12.3	9.3	10.0	8.4	4.1	3.1	2.6	2.9	2.8
Central/Eastern Europe, total	3.0	3.7	8.6	9.2	-4.9	-7.9	0.9	6.2	1.1
Austria	2.8	2.7	4.6	7.8	4.2	10.5	14.2	9.4	8.0
Czech Republic	0.0	0.0	0.0	0.0	0.9	0.4	0.6	5.1	1.5
Czechoslovakia	0.0	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	-0.5	0.0	0.3	-0.6	-2.9	-7.2	-4.9	-6.9
Poland	0.2	0.7	1.8	0.6	5.7	9.1	9.9	2.5	2.2
Russia	0.0	0.0	0.6	0.3	1.5	0.8	0.9	0.5	1.0
Slovakia	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.3	0.6
Slovenia	0.0	0.0	0.0	0.1	-16.7	-25.7	-17.3	-6.7	-5.2
Asia, total	205.7	202.0	190.3	171.3	238.0	209.0	181.8	261.9	251.9
China	0.5	1.4	2.3	1.5	1.3	0.6	-7.9	-8.6	-5.6
Hong Kong	3.8	4.1	4.4	4.1	9.6	6.6	7.8	17.0	9.3
India	0.6	0.6	1.2	0.7	1.5	1.8	1.5	2.9	4.6
Indonesia	1.5	2.4	2.1	2.6	3.4	4.1	4.2	4.5	0.7
Japan	177.2	174.7	152.3	138.3	188.6	151.5	128.0	190.2	194.3
South Korea	3.4	2.5	3.7	3.4	5.3	11.9	12.8	12.1	12.6
Malaysia	1.2	1.1	1.9	2.5	2.7	3.0	2.6	4.2	3.1
Philippines	1.4	1.5	1.7	1.9	2.8	2.8	3.6	4.4	4.0
Singapore	1.6	2.0	2.0	1.9	3.2	3.6	3.6	3.4	4.1
Taiwan	6.7	7.6	14.0	9.9	14.1	17.0	19.1	23.7	17.9
Thailand	7.8	4.0	4.8	4.6	5.5	6.1	6.5	8.1	6.9
South America, total	6.9	9.0	14.5	19.2	36.0	25.4	35.2	42.3	42.9
Argentina	2.3	4.8	8.8	10.1	14.5	7.0	8.5	8.1	13.2
Brazil	1.7	1.4	2.5	4.5	15.7	12.9	22.2	25.2	19.9
Chile	1.3	1.1	1.3	2.5	2.8	2.0	1.6	5.4	6.2
Peru	1.7	1.7	1.8	2.1	2.9	3.6	2.9	3.6	3.5
Africa, total	3.3	3.1	2.6	3.5	3.7	4.2	4.9	5.0	4.2
Kenya	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.2	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
South Africa, Republic of	3.3	3.0	2.6	3.4	3.6	4.1	4.8	4.7	4.0
All other countries	32.7	33.5	40.8	46.3	56.6	57.1	71.7	90.4	93.4

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.
U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Life science technologies									
Total, all countries	1,631.5	1,038.5	959.7	1,414.1	1,976.9	1,961.1	1,357.6	153.5	-2,252.5
NAFTA partners, total	540.7	410.9	341.6	513.3	589.5	456.1	391.0	137.1	170.5
Canada	501.7	407.5	391.0	401.2	487.6	556.3	536.5	320.1	378.2
Mexico	39.0	3.4	-49.4	112.1	101.8	-100.1	-145.5	-183.0	-207.6
Europe Four, total	162.3	-251.2	-252.3	-231.3	-66.9	-195.0	-661.1	-1,357.8	-2,807.5
France	67.2	37.0	126.7	80.9	62.3	170.3	40.3	61.1	103.6
Germany, Federal Republic of ..	-140.0	-362.6	-407.8	-211.6	-48.7	-219.7	-228.5	-1,065.5	-2,293.4
Italy	176.5	169.1	180.1	107.6	94.0	142.8	96.0	92.3	27.6
United Kingdom	58.7	-94.6	-151.3	-208.1	-174.5	-288.4	-569.0	-445.7	-645.3
Other Western Europe, total	261.9	255.7	229.5	111.4	231.5	50.6	-365.4	-974.6	-1,394.6
Belgium	81.4	124.0	138.1	166.2	202.7	140.5	71.0	2.9	176.5
Greece	11.0	18.8	19.1	21.5	16.6	29.5	23.4	28.6	31.7
Ireland	-15.5	-48.5	-59.5	-102.4	-71.9	-215.7	-480.4	-1,173.2	-2,046.1
Netherlands	82.4	91.4	77.2	16.4	85.4	186.9	195.4	359.4	559.6
Portugal	9.3	12.5	15.5	13.0	15.1	35.4	32.7	28.6	39.3
Spain	70.8	75.5	75.0	63.0	67.1	94.7	111.4	107.6	135.4
Switzerland	22.5	-18.1	-35.9	-66.1	-83.6	-220.7	-318.8	-328.4	-290.9
Nordic Countries, total	62.2	54.9	61.5	37.3	36.6	-31.5	-15.5	-18.1	-11.4
Denmark	0.2	-1.5	-2.4	-4.0	-12.3	-3.9	-22.3	-60.9	-59.5
Finland	3.4	-13.8	-21.2	-14.3	-26.6	-43.1	-36.6	-47.9	-55.1
Iceland	0.8	1.6	-0.2	0.2	0.4	1.0	0.6	0.6	-3.3
Norway	22.3	19.0	16.7	19.0	14.7	15.5	19.2	12.3	11.9
Sweden	35.5	49.6	68.7	36.3	60.5	-0.8	23.8	77.8	94.6
Central/Eastern Europe, total	41.5	38.5	56.4	22.9	-58.7	-177.2	-94.7	-28.9	55.7
Austria	27.6	21.0	35.7	29.3	29.5	8.9	3.0	-16.6	-7.9
Czech Republic	0.0	0.0	0.0	6.9	9.8	11.2	10.8	9.0	7.7
Czechoslovakia	5.6	4.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	1.1	5.3	2.3	-0.6	3.2	0.9	2.6	2.5	-5.3
Poland	7.2	7.7	11.2	10.3	16.5	19.0	20.5	19.8	22.7
Russia	0.0	0.0	-0.5	-26.9	-117.9	-217.2	-136.5	-49.3	34.9
Slovakia	0.0	0.0	0.0	0.6	1.1	1.1	3.0	3.1	1.4
Slovenia	0.0	0.0	0.2	3.3	-0.8	-1.1	1.8	2.5	2.2
Asia, total	467.5	304.2	377.1	573.0	751.1	1,276.9	1,434.6	1,691.2	954.6
China	73.7	78.6	85.4	94.2	24.1	42.2	16.1	-3.6	-33.9
Hong Kong	31.0	51.9	67.3	97.2	105.3	130.9	153.7	194.6	208.6
India	61.0	38.1	40.7	47.3	49.8	63.6	64.5	97.6	64.1
Indonesia	9.4	12.3	8.9	15.3	7.4	13.8	12.7	20.5	8.8
Japan	5.1	-159.1	-121.8	-41.1	108.7	455.2	543.8	719.9	350.8
South Korea	159.8	191.5	177.5	223.0	307.4	341.9	395.5	365.0	180.4
Malaysia	9.7	13.4	15.2	21.9	23.6	33.4	28.8	57.4	42.9
Philippines	9.3	8.7	9.5	12.9	13.9	17.0	20.9	31.6	16.1
Singapore	-0.1	-29.6	-44.7	-35.5	-6.3	6.4	-9.7	-5.4	-64.5
Taiwan	88.7	73.6	104.5	98.3	75.1	108.7	133.3	150.9	155.9
Thailand	20.0	24.9	34.7	39.6	42.1	63.8	74.9	62.7	25.2
South America, total	135.3	173.5	204.7	238.9	287.2	358.4	407.2	439.9	441.8
Argentina	21.3	38.9	51.7	56.9	99.3	75.5	81.0	88.3	43.7
Brazil	91.9	108.8	112.7	131.5	140.5	227.8	263.9	285.4	336.4
Chile	15.1	21.4	33.4	41.2	36.3	37.2	44.2	44.2	45.0
Peru	7.0	4.4	6.9	9.3	11.2	18.0	18.1	22.1	16.7
Africa, total	42.8	45.2	45.4	38.9	34.3	52.3	59.2	58.3	59.4
Kenya	0.5	0.5	1.3	0.5	0.5	0.6	1.4	0.9	1.2
Nigeria	12.2	10.5	11.2	3.6	2.1	1.0	4.1	2.1	4.0
South Africa, Republic of	30.2	34.3	32.9	34.8	31.7	50.7	53.7	55.3	54.2
All other countries	-82.7	6.8	-104.3	109.6	172.3	170.5	202.3	206.2	279.1

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Opto-electronics									
Total, all countries	-589.4	-1,382.8	-1,930.7	-1,810.4	-1,597.6	-1,615.0	-1,724.7	-1,810.2	-2,007.8
NAFTA partners, total	-5.9	1.2	-110.1	19.4	95.4	54.8	-4.5	-125.3	-183.7
Canada	31.0	28.7	49.4	61.8	84.3	90.0	112.5	185.6	192.1
Mexico	-36.9	-27.5	-159.5	-42.4	11.0	-35.2	-117.0	-310.9	-375.8
Europe Four, total	146.5	106.2	129.9	136.0	196.6	217.5	206.6	268.4	387.6
France	30.0	28.8	26.3	20.9	27.7	35.9	39.5	58.2	58.1
Germany, Federal Republic of ..	44.1	33.4	68.5	69.0	110.5	133.9	117.9	109.1	119.3
Italy	23.6	21.6	18.2	6.4	12.0	8.2	16.3	22.2	38.3
United Kingdom	48.8	22.4	17.0	39.7	46.3	39.5	32.9	78.9	171.8
Other Western Europe, total	15.2	26.1	29.7	11.9	-13.0	34.1	26.9	45.8	31.3
Belgium	-3.5	0.6	5.3	0.8	1.2	8.0	5.1	5.6	8.0
Greece	0.4	0.6	1.1	0.4	0.4	0.9	1.3	0.9	1.7
Ireland	0.2	4.7	-1.1	1.7	-8.6	-2.9	6.3	13.1	8.0
Netherlands	15.4	15.1	14.2	17.8	5.0	25.5	16.8	31.4	42.9
Portugal	0.5	1.6	0.8	1.5	1.3	1.6	1.5	2.3	0.7
Spain	7.0	6.6	19.0	5.5	6.2	14.2	17.1	16.3	4.2
Switzerland	-4.9	-3.2	-9.6	-15.9	-18.5	-13.2	-21.2	-23.8	-34.2
Nordic Countries, total	12.0	4.1	9.5	8.2	15.8	9.8	14.9	6.4	29.1
Denmark	2.0	-1.0	0.3	0.1	0.4	-0.5	0.8	-1.0	-0.1
Finland	5.2	2.7	2.7	2.6	2.0	2.3	2.6	3.2	6.3
Iceland	0.0	0.1	0.0	0.9	0.1	0.1	0.1	0.1	0.5
Norway	2.4	1.6	2.1	4.2	6.8	5.7	4.3	1.5	3.6
Sweden	2.4	0.7	4.3	0.3	6.4	2.2	7.0	2.6	18.8
Central/Eastern Europe, total	-9.9	-1.9	-5.1	-6.8	3.0	1.9	3.7	9.1	11.0
Austria	-10.4	-3.0	-5.4	-2.2	0.2	-2.0	1.4	5.4	4.2
Czech Republic	0.0	0.0	0.0	0.1	0.4	0.9	0.5	0.7	1.0
Czechoslovakia	0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.2	0.6	0.2	-1.7	-0.3	0.4	0.2	0.3	0.9
Poland	0.1	0.6	0.0	0.1	0.2	0.9	0.5	0.9	2.6
Russia	0.0	0.0	0.1	-3.2	1.8	1.2	0.1	1.0	0.9
Slovakia	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.1	0.2
Slovenia	0.0	0.0	-0.1	0.1	0.6	0.6	0.7	0.8	1.2
Asia, total	-806.3	-1,588.0	-2,054.1	-2,063.1	-1,969.5	-2,005.7	-2,018.7	-2,093.2	-2,342.7
China	-5.3	-13.4	-24.7	-49.3	-173.3	-331.0	-375.6	-455.5	-632.0
Hong Kong	4.6	2.2	-0.2	8.9	8.4	-12.2	5.6	16.3	26.2
India	1.8	0.9	2.0	2.7	6.5	11.1	2.7	1.1	2.2
Indonesia	0.4	0.4	1.5	0.8	0.8	0.3	-66.4	-65.0	-99.9
Japan	-686.5	-1,460.9	-1,881.5	-1,747.3	-1,295.7	-993.9	-680.5	-766.2	-859.4
South Korea	-22.0	-13.8	-21.7	-11.4	18.7	8.1	21.1	47.2	-1.1
Malaysia	-16.2	-23.9	-46.0	-135.4	-368.1	-489.1	-464.5	-343.4	-320.3
Philippines	2.2	-1.1	-2.5	-4.9	-12.1	-46.3	-85.7	-79.8	-45.2
Singapore	-51.9	-35.3	-42.5	-46.1	-38.8	-7.6	-159.9	-106.1	-93.4
Taiwan	-34.3	-45.3	-39.7	-73.8	-99.3	-119.9	-175.3	-277.3	-274.6
Thailand	1.0	2.2	1.2	-7.3	-16.7	-25.3	-40.3	-64.6	-45.2
South America, total	8.2	6.7	9.2	14.9	20.4	29.6	34.9	49.5	40.6
Argentina	1.2	2.3	4.3	6.0	6.7	6.5	6.2	8.2	6.7
Brazil	5.6	3.0	3.2	6.0	9.6	18.1	22.0	33.2	28.3
Chile	0.8	1.3	1.3	2.4	3.3	4.2	3.9	4.5	3.8
Peru	0.6	0.2	0.5	0.4	0.8	0.8	2.8	3.5	1.9
Africa, total	3.1	6.0	4.1	4.1	6.9	6.6	5.5	8.8	14.5
Kenya	0.4	0.2	0.2	0.2	0.1	0.2	0.1	0.7	0.3
Nigeria	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.2
South Africa, Republic of	2.7	5.8	3.8	3.9	6.7	6.3	5.3	8.1	14.1
All other countries	47.7	56.6	56.2	65.0	46.9	36.4	6.1	20.4	4.5

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
(In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computers and telecommunications									
Total, all countries	1,264.5	1,572.9	-1,279.3	-5,591.4	-9,580.7	-10,975.1	-8,566.0	-8,537.2	-15,928.2
NAFTA partners, total	2,666.1	2,428.1	2,811.7	2,988.7	2,285.9	1,210.2	2,156.4	2,470.8	2,025.5
Canada	2,167.4	1,766.4	2,078.1	2,125.7	1,726.0	1,476.4	2,671.5	3,158.2	2,643.7
Mexico	498.7	661.7	733.6	863.0	559.9	-266.2	-515.1	-687.5	-618.2
Europe Four, total	7,092.7	6,033.7	5,603.4	5,264.5	5,790.0	6,735.1	7,102.2	7,293.9	7,331.1
France	1,214.2	1,061.7	1,054.1	943.6	1,095.0	1,599.5	1,579.9	1,503.1	1,202.7
Germany, Federal Republic of	2,483.4	2,147.0	2,018.2	1,829.6	1,899.9	2,459.8	2,905.3	2,449.0	2,465.7
Italy	608.3	701.1	588.6	363.9	296.5	179.3	346.4	351.2	268.2
United Kingdom	2,786.8	2,123.9	1,942.5	2,127.3	2,498.7	2,496.5	2,270.7	2,990.7	3,394.4
Other Western Europe, total	3,382.4	3,101.9	3,158.1	2,936.0	3,511.1	4,114.5	3,962.1	4,968.3	4,683.5
Belgium	424.1	391.4	380.2	294.1	279.3	290.8	307.2	324.2	447.3
Greece	24.2	36.5	41.6	49.4	32.4	47.4	41.2	39.6	73.4
Ireland	377.8	145.4	119.3	-80.0	528.2	671.0	312.8	-9.7	-459.7
Netherlands	1,802.0	1,714.3	1,756.2	1,921.1	1,829.1	2,004.8	2,258.4	3,836.7	3,929.3
Portugal	45.9	50.1	56.3	47.2	71.6	69.5	61.1	91.9	66.1
Spain	311.6	377.9	414.8	327.6	373.9	545.6	514.0	294.6	197.6
Switzerland	396.9	386.3	389.8	376.6	396.5	485.5	467.4	391.1	429.4
Nordic Countries, total	497.2	434.5	457.8	403.9	375.0	506.4	516.2	441.1	397.2
Denmark	116.2	114.3	120.9	119.0	110.2	164.1	182.6	162.7	115.9
Finland	98.5	81.2	60.8	53.4	52.7	102.1	128.3	18.2	94.9
Iceland	3.1	13.9	15.9	5.3	7.4	36.4	23.1	13.9	14.1
Norway	105.0	79.9	93.9	79.0	64.1	60.9	79.3	112.8	16.3
Sweden	174.4	145.1	166.3	147.2	140.6	142.9	102.8	133.5	156.0
Central/Eastern Europe, total	140.8	235.2	343.2	507.5	435.4	508.2	358.6	176.5	46.4
Austria	107.9	144.4	98.7	119.1	102.3	142.1	126.8	114.3	109.1
Czech Republic	0.0	0.0	0.0	64.1	52.3	75.5	71.0	52.9	72.8
Czechoslovakia	8.4	23.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	11.3	17.0	29.0	66.4	41.9	29.1	-81.6	-307.6	-698.5
Poland	13.3	50.8	53.2	63.1	56.2	55.3	44.8	74.4	96.7
Russia	0.0	0.0	85.9	176.3	158.3	180.0	166.8	213.9	393.3
Slovakia	0.0	0.0	0.0	4.0	8.2	9.0	13.0	14.8	52.1
Slovenia	0.0	0.0	6.4	14.5	16.2	17.2	17.9	13.8	20.9
Asia, total	-16,262.8	-14,618.3	-17,747.5	-22,622.2	-27,874.2	-30,934.6	-29,842.9	-33,560.4	-39,478.7
China	118.4	-63.8	-68.5	-213.3	-1,214.9	-1,889.1	-2,116.1	-2,916.4	-3,034.5
Hong Kong	-437.5	-211.6	-30.2	21.3	366.2	1,104.2	1,043.9	1,807.1	1,455.9
India	86.7	77.2	71.4	61.8	97.1	145.8	150.0	41.2	190.1
Indonesia	83.8	27.2	-73.6	-230.4	-386.7	-269.1	-67.3	-113.6	-499.4
Japan	-8,823.4	-7,378.3	-8,320.2	-10,378.2	-11,560.5	-10,824.7	-8,466.2	-8,966.7	-9,556.9
South Korea	-1,049.5	-542.8	-709.7	-1,049.2	-1,015.3	-1,982.3	-792.8	-1,251.2	-2,465.6
Malaysia	-164.6	-538.2	-1,106.9	-1,791.2	-2,705.5	-3,375.9	-3,224.8	-3,710.8	-5,801.8
Philippines	-11.5	-23.0	-100.4	-115.3	-45.0	-230.2	-633.2	-1,317.2	-2,093.2
Singapore	-3,412.9	-3,534.3	-4,479.0	-5,476.3	-6,844.4	-8,100.2	-9,319.4	-9,214.8	-8,958.1
Taiwan	-2,075.9	-1,873.8	-2,085.6	-2,540.2	-3,367.0	-4,373.7	-5,334.0	-6,357.8	-6,810.7
Thailand	-576.4	-556.8	-845.0	-911.1	-1,198.2	-1,139.6	-1,083.0	-1,560.1	-1,904.6
South America, total	592.4	723.9	1,032.5	1,326.3	2,017.8	2,180.0	2,781.0	3,778.0	3,636.7
Argentina	145.4	252.1	354.6	467.1	717.9	493.7	615.8	880.4	899.3
Brazil	326.4	322.7	475.3	626.2	991.8	1,311.3	1,736.4	2,242.0	2,024.6
Chile	89.9	117.0	155.7	177.8	213.6	251.6	283.6	397.6	464.3
Peru	30.7	32.1	46.9	55.2	94.5	123.3	145.2	258.0	248.5
Africa, total	158.2	168.6	178.0	223.0	189.9	229.2	213.8	264.2	344.9
Kenya	4.5	4.7	1.4	3.4	5.4	4.6	2.8	3.9	7.5
Nigeria	15.1	16.5	25.1	40.7	11.9	16.4	13.4	16.3	20.0
South Africa, Republic of	138.6	147.4	151.5	178.9	172.6	208.2	197.5	244.0	317.5
All other countries	2,997.5	3,065.4	2,883.5	3,381.1	3,688.4	4,475.9	4,186.6	5,630.5	5,085.2

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Electronics									
Total, all countries	-3,563.0	-3,682.4	-4,452.3	-6,009.8	-9,408.7	-7,009.3	-1,550.1	1,068.7	4,233.1
NAFTA partners, total	383.3	545.7	591.6	1,049.0	2,148.2	4,257.8	4,406.5	4,782.7	4,929.0
Canada	420.2	586.8	576.5	1,044.6	1,853.8	3,788.4	3,129.8	2,886.0	2,903.0
Mexico	-36.9	-41.1	15.1	4.4	294.5	469.4	1,276.8	1,896.8	2,026.1
Europe Four, total	1,108.0	1,270.6	1,330.1	1,701.2	1,440.2	1,710.4	1,200.7	1,506.1	1,362.4
France	283.7	271.4	200.1	205.8	-85.1	-241.4	-392.2	-92.3	-176.0
Germany, Federal Republic of	187.6	201.9	140.6	226.7	140.8	173.2	93.7	17.4	173.7
Italy	139.9	192.4	147.1	101.8	1.6	114.2	212.7	363.4	358.9
United Kingdom	496.8	604.9	842.3	1,166.9	1,383.0	1,664.5	1,286.5	1,217.6	1,005.8
Other Western Europe, total	209.0	221.2	201.0	245.4	333.8	-87.4	653.2	1,066.7	715.3
Belgium	34.3	30.7	27.7	39.4	50.1	52.2	6.8	28.4	20.4
Greece	0.2	1.3	5.4	1.3	1.0	2.1	2.5	1.2	2.7
Ireland	26.7	18.2	15.1	52.7	65.8	-464.0	-30.4	78.8	177.2
Netherlands	118.6	133.9	88.1	114.4	175.7	225.2	605.3	858.4	451.9
Portugal	2.6	5.7	-0.9	-28.3	-2.2	-12.4	-10.5	-6.5	-14.8
Spain	-11.0	-10.8	12.7	27.1	-7.8	36.1	31.8	40.2	51.5
Switzerland	37.6	42.2	52.9	38.8	51.1	73.4	47.6	66.2	26.5
Nordic Countries, total	54.8	72.4	104.3	133.8	198.7	244.1	250.0	300.6	280.5
Denmark	11.1	12.5	12.6	17.7	31.7	43.9	40.6	43.5	36.5
Finland	12.6	13.2	18.5	28.3	44.0	44.2	34.1	41.7	78.2
Iceland	0.1	0.2	0.2	-6.1	0.5	0.8	0.7	1.4	0.9
Norway	10.6	15.1	19.4	21.7	31.1	32.5	30.4	27.9	37.5
Sweden	20.4	31.4	53.6	72.1	91.4	122.7	144.3	186.0	127.4
Central/Eastern Europe, total	2.3	12.6	16.3	11.7	13.3	12.2	-7.5	-16.2	-45.6
Austria	1.5	9.1	8.9	1.1	-3.6	-8.1	-23.3	-28.1	-56.4
Czech Republic	0.0	0.0	0.0	2.1	4.0	8.1	4.7	2.6	8.0
Czechoslovakia	0.2	0.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.4	1.0	0.3	1.9	0.2	-2.7	-1.4	-7.4	-15.2
Poland	0.3	1.6	1.4	2.1	3.8	3.4	3.4	3.3	5.9
Russia	0.0	0.0	1.9	3.6	7.3	10.1	4.0	10.6	11.4
Slovakia	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.8	0.3
Slovenia	0.0	0.0	0.3	0.7	1.4	1.3	5.0	2.0	0.5
Asia, total	-5,613.3	-6,077.4	-6,960.2	-9,522.1	-13,921.3	-13,785.9	-8,800.2	-7,141.4	-3,580.4
China	19.7	14.9	14.7	3.3	-61.5	-97.3	-72.2	-146.1	-43.4
Hong Kong	157.6	181.7	293.3	234.5	225.3	400.4	715.9	478.8	539.6
India	42.0	26.6	26.2	23.4	30.9	64.8	43.0	21.7	31.9
Indonesia	-12.3	-19.7	-41.1	-43.2	-50.6	-101.9	-33.4	-104.7	-145.2
Japan	-1,827.9	-2,265.8	-2,753.8	-3,782.3	-5,404.9	-6,669.9	-4,058.7	-3,474.7	-2,388.1
South Korea	-1,393.2	-1,494.3	-1,658.8	-2,030.7	-3,391.9	-4,972.2	-3,610.6	-2,899.2	-1,800.0
Malaysia	-1,174.4	-1,226.0	-1,549.8	-2,358.1	-2,970.8	-1,238.2	-1,686.5	-1,414.8	-406.3
Philippines	-473.7	-547.1	-712.8	-931.9	-1,234.1	-467.9	-305.9	-246.9	-383.8
Singapore	-498.8	-523.6	-406.2	-25.7	-119.5	118.7	467.6	780.4	1,034.5
Taiwan	-110.2	111.8	87.5	-205.7	-377.9	-590.2	-145.5	-196.6	-207.0
Thailand	-342.0	-335.9	-259.4	-405.6	-566.3	-232.1	-113.9	60.7	187.5
South America, total	121.4	121.7	105.2	113.3	156.6	229.6	286.7	364.2	378.7
Argentina	10.0	14.1	26.6	17.9	22.6	14.5	11.3	28.8	22.4
Brazil	106.9	103.3	72.5	87.6	122.1	197.3	258.6	315.7	339.4
Chile	4.0	3.7	5.3	6.8	9.6	14.3	12.7	11.8	12.8
Peru	0.5	0.6	0.8	1.1	2.4	3.5	4.2	7.9	4.1
Africa, total	16.0	21.1	13.0	21.3	19.9	27.6	14.5	18.2	18.4
Kenya	-0.4	-0.1	-1.9	-0.6	0.4	-0.4	-0.2	1.7	0.1
Nigeria	0.8	0.6	0.3	1.8	0.8	0.8	0.2	0.4	0.1
South Africa, Republic of	15.5	20.6	14.7	20.1	18.7	27.2	14.5	16.0	18.1
All other countries	155.4	129.8	146.4	236.6	201.9	382.3	445.9	187.6	174.7

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computer-integrated manufacturing									
Total, all countries	1,419.1	1,461.7	1,728.1	1,816.8	2,291.3	2,522.1	2,842.9	2,328.5	719.6
NAFTA partners, total	514.1	514.7	582.3	560.0	713.1	482.2	474.6	814.7	833.6
Canada	383.4	356.7	346.9	354.3	500.0	505.8	386.0	581.5	544.3
Mexico	130.8	158.1	235.4	205.7	213.1	-23.6	88.6	233.2	289.3
Europe Four, total	405.6	402.6	425.0	466.5	543.4	546.7	359.6	47.0	-168.1
France	120.3	152.4	165.1	204.2	251.4	255.6	315.6	255.7	139.9
Germany, Federal Republic of	93.6	69.1	28.7	16.4	32.2	82.7	-106.6	-317.2	-348.2
Italy	81.5	71.7	93.7	76.8	83.2	114.1	44.8	17.4	14.2
United Kingdom	110.2	109.4	137.5	169.1	176.6	94.3	105.7	91.0	26.0
Other Western Europe, total	124.7	110.2	135.9	194.8	177.3	26.6	-32.6	-144.8	4.1
Belgium	29.6	25.7	33.5	14.3	27.7	29.4	34.0	36.3	33.0
Greece	2.3	2.5	4.2	3.7	1.3	2.8	4.0	3.1	3.3
Ireland	12.7	14.3	27.5	95.2	81.8	73.8	47.5	104.7	205.7
Netherlands	65.0	34.1	57.4	70.4	91.4	-31.6	-88.5	-220.5	-122.2
Portugal	4.3	5.6	6.5	5.6	7.3	5.3	6.9	0.6	2.4
Spain	25.1	32.1	32.2	26.1	22.6	25.3	27.8	31.7	-6.1
Switzerland	-14.2	-4.0	-25.5	-20.4	-54.8	-78.5	-64.3	-100.8	-112.1
Nordic Countries, total	-17.5	12.6	1.4	-36.2	-47.2	-83.5	-83.5	-50.2	-69.8
Denmark	7.4	7.5	6.1	6.0	6.1	7.1	13.4	5.4	-0.5
Finland	1.5	-0.9	2.4	-6.9	-4.6	1.9	-2.5	-7.3	-23.6
Iceland	0.3	0.6	0.6	0.9	0.7	0.5	0.9	1.0	0.4
Norway	5.7	7.1	9.9	13.5	5.0	-2.7	-3.8	9.1	8.7
Sweden	-32.4	-1.6	-17.6	-49.7	-54.3	-90.4	-91.5	-58.4	-54.8
Central/Eastern Europe, total	-0.7	8.0	13.1	23.3	50.4	10.8	-4.1	-14.2	-16.6
Austria	-4.4	5.4	8.9	7.3	10.9	0.9	-12.5	-7.3	-17.3
Czech Republic	0.0	0.0	0.0	-8.4	-9.4	-15.0	-22.3	-34.8	-30.5
Czechoslovakia	2.2	0.3	-1.2	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	-0.3	0.7	0.4	0.2	2.4	4.3	1.5	1.0	4.4
Poland	1.8	1.6	2.3	1.4	1.8	0.3	1.2	2.8	2.8
Russia	0.0	0.0	2.3	20.2	37.9	13.3	22.3	21.6	22.4
Slovakia	0.0	0.0	0.0	1.9	2.3	0.4	0.3	-0.1	1.2
Slovenia	0.0	0.0	0.4	0.7	4.5	6.6	5.4	2.6	0.4
Asia, total	113.4	155.6	261.4	256.6	505.8	1,119.5	1,699.1	1,142.3	-392.0
China	59.7	87.9	105.8	153.3	170.8	133.0	179.0	136.2	150.4
Hong Kong	33.2	41.8	59.0	86.1	106.8	101.0	127.2	138.4	92.2
India	35.3	17.6	17.3	29.8	38.1	31.9	57.7	27.8	27.0
Indonesia	4.3	5.4	11.7	9.7	8.1	14.9	16.2	15.0	7.6
Japan	-510.5	-585.7	-628.3	-956.9	-1,148.8	-1,501.2	-1,508.1	-2,434.1	-2,553.9
South Korea	198.5	277.9	284.9	365.5	668.5	1,202.3	1,396.6	992.6	290.6
Malaysia	56.7	54.0	74.9	113.1	116.2	184.2	186.6	294.1	213.6
Philippines	40.9	37.3	30.3	54.1	47.6	101.2	88.6	159.9	195.1
Singapore	90.4	83.5	115.0	161.4	159.2	287.6	366.9	453.5	304.8
Taiwan	84.1	118.2	167.4	216.9	304.2	526.8	733.0	1,309.7	852.0
Thailand	20.7	17.5	23.3	23.6	34.9	37.9	55.4	49.3	28.5
South America, total	46.0	44.6	41.8	65.4	69.8	92.4	103.5	189.9	173.6
Argentina	4.6	8.6	11.1	17.0	27.4	19.9	21.7	25.9	25.7
Brazil	32.5	26.9	22.1	33.6	26.1	51.5	57.1	134.1	116.2
Chile	7.5	6.8	7.3	12.0	12.7	15.7	17.6	22.5	24.0
Peru	1.4	2.3	1.4	2.9	3.6	5.4	7.2	7.4	7.7
Africa, total	13.2	18.7	14.5	13.4	14.3	16.2	26.9	27.2	21.9
Kenya	0.2	0.8	0.5	0.2	0.8	0.5	0.7	0.6	0.2
Nigeria	0.7	1.6	1.9	1.1	2.3	2.2	2.8	1.2	1.4
South Africa, Republic of	12.2	16.4	12.2	12.1	11.2	13.5	23.4	25.4	20.3
All other countries	220.2	194.7	252.7	273.2	264.6	311.2	299.4	316.4	332.9

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98

(In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Material design									
Total, all countries	5,357.5	5,174.6	5,605.3	6,351.3	9,314.4	2,991.9	1,666.2	1,920.6	153.0
NAFTA partners, total	913.2	901.0	1,131.1	1,092.4	1,245.5	599.9	353.5	389.6	88.5
Canada	757.6	718.7	895.3	855.2	893.4	159.4	200.8	258.2	57.4
Mexico	155.6	182.3	235.8	237.1	352.1	440.5	152.6	131.4	31.0
Europe Four, total	76.8	149.2	79.3	-156.2	237.1	66.5	110.1	92.4	-32.5
France	-46.8	18.5	-17.2	-84.1	90.8	1.1	45.5	55.8	17.2
Germany, Federal Republic of ..	11.1	0.9	-11.5	-60.7	-32.9	-79.1	-78.7	-78.4	-80.3
Italy	44.9	52.5	67.9	16.2	39.4	19.9	11.7	-1.8	8.5
United Kingdom	67.5	77.4	40.1	-27.6	139.9	124.6	131.6	116.8	22.1
Other Western Europe, total	72.6	60.2	59.0	48.7	100.8	75.1	81.3	66.5	23.1
Belgium	2.0	1.4	2.0	2.6	3.8	2.4	5.1	4.3	0.3
Greece	0.2	0.5	0.1	0.2	0.2	0.3	1.4	1.6	0.1
Ireland	38.5	35.8	24.4	40.9	45.4	32.7	38.5	41.9	15.0
Netherlands	8.6	14.5	16.6	7.5	7.9	4.8	11.4	-3.7	-4.6
Portugal	18.2	19.6	21.6	19.9	16.8	12.7	2.3	0.8	0.5
Spain	4.7	-11.7	-6.9	-21.9	24.0	21.7	22.8	20.7	17.0
Switzerland	0.4	0.1	1.2	-0.4	2.7	0.4	-0.1	0.9	-5.1
Nordic Countries, total	1.3	-5.9	2.9	-1.8	5.3	11.8	23.9	5.3	-48.2
Denmark	-3.0	-6.9	0.4	-7.8	-7.5	-4.1	-4.2	-12.1	-44.2
Finland	1.5	1.7	3.2	1.8	1.0	0.7	-1.6	-6.7	-13.7
Iceland	1.2	1.8	0.7	1.2	0.4	0.7	0.3	0.1	0.1
Norway	0.5	1.8	6.2	6.6	6.1	5.3	13.0	7.0	6.1
Sweden	1.0	-4.1	-7.6	-3.6	5.3	9.3	16.4	17.1	3.6
Central/Eastern Europe, total	0.1	0.4	9.2	17.7	8.7	6.7	23.8	18.0	10.7
Austria	0.3	0.7	4.8	5.7	-1.1	2.5	5.7	5.0	6.3
Czech Republic	0.0	0.0	0.0	0.6	1.0	-2.0	0.1	0.3	-2.9
Czechoslovakia	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.1	0.2	1.4	0.6	2.1	0.3	0.1
Poland	-0.2	-0.4	3.4	8.8	5.7	3.2	5.8	5.1	2.8
Russia	0.0	0.0	0.0	0.2	1.1	2.4	5.3	4.2	2.9
Slovakia	0.0	0.0	0.0	1.8	0.6	0.1	4.6	3.0	1.4
Slovenia	0.0	0.0	0.1	0.4	0.1	0.0	0.2	0.1	0.1
Asia, total	4,324.0	4,147.5	4,383.8	5,322.4	7,606.5	2,128.2	913.8	1,144.8	-6.3
China	7.8	3.6	20.0	19.3	39.1	54.6	69.4	117.2	16.3
Hong Kong	328.5	299.3	294.0	375.8	553.3	294.9	95.5	85.6	98.6
India	-0.9	-0.8	1.3	1.3	2.9	1.5	10.2	0.2	-1.7
Indonesia	11.9	6.5	14.1	29.1	37.3	53.9	5.3	3.9	0.0
Japan	-48.2	36.7	-99.8	-110.5	282.3	-46.4	-100.6	-171.1	-124.8
South Korea	730.4	595.7	739.6	811.7	1,107.4	241.5	54.5	98.4	-6.8
Malaysia	1,310.0	1,311.7	1,302.0	1,758.3	2,526.3	438.3	174.3	199.2	-62.3
Philippines	494.0	479.3	579.0	686.4	1,136.4	221.1	144.1	301.3	2.1
Singapore	635.6	646.5	765.3	872.2	713.4	372.7	193.2	148.5	47.3
Taiwan	374.1	320.5	408.5	373.9	521.3	138.1	115.7	160.6	28.2
Thailand	481.0	448.6	359.8	505.1	686.8	358.0	152.1	201.0	-3.1
South America, total	13.4	8.3	23.6	39.3	35.8	28.4	55.5	95.2	53.0
Argentina	2.0	1.9	6.6	17.2	8.3	5.4	6.3	8.2	7.1
Brazil	10.9	5.8	12.0	16.7	21.4	18.9	42.7	81.1	42.1
Chile	0.3	0.5	4.7	5.4	4.9	3.2	5.2	5.1	3.3
Peru	0.2	0.2	0.3	0.1	1.1	0.9	1.2	0.8	0.5
Africa, total	1.2	1.3	1.8	2.2	3.1	3.5	4.7	3.1	11.1
Kenya	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0
Nigeria	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
South Africa, Republic of	1.2	1.3	1.8	2.2	3.1	3.6	4.5	3.1	11.1
All other countries	-45.1	-87.5	-85.5	-13.3	71.6	71.8	99.6	105.7	53.5

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.
U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Aerospace									
Total, all countries	25,441.2	29,114.4	29,123.3	25,183.1	23,364.5	19,977.0	24,940.8	30,571.1	39,285.1
NAFTA partners, total	-9.2	-53.4	485.9	-35.1	-178.3	-150.5	-428.3	-841.2	-1,060.5
Canada	-341.2	-524.8	-277.0	-441.2	-765.8	-252.5	-545.4	-1,040.7	-1,716.6
Mexico	332.0	471.4	762.9	406.1	587.5	102.0	117.1	199.5	656.1
Europe Four, total	5,130.2	5,890.9	3,462.2	1,831.3	2,184.3	1,036.5	1,393.9	2,885.1	4,411.3
France	529.6	906.9	-232.6	-682.9	-524.9	-752.0	-699.5	-1,121.8	-1,055.5
Germany, Federal Republic of	1,902.4	2,937.0	2,078.8	1,144.8	779.0	742.9	854.7	1,283.7	2,363.2
Italy	344.9	446.0	688.8	180.4	716.2	642.0	391.0	197.5	64.8
United Kingdom	2,353.2	1,600.9	927.2	1,189.0	1,214.0	403.6	847.7	2,525.7	3,038.8
Other Western Europe, total	3,424.7	3,968.6	2,414.8	1,455.9	2,662.1	3,151.4	3,625.7	3,108.6	2,931.6
Belgium	545.9	694.2	301.7	149.9	220.8	169.8	362.6	392.8	556.9
Greece	44.5	242.1	72.6	118.6	72.3	557.7	90.5	161.2	522.7
Ireland	270.7	345.7	416.3	159.1	166.4	147.9	138.6	131.3	215.5
Netherlands	1,201.7	735.2	285.9	385.2	1,126.4	1,747.1	1,170.0	1,230.7	790.7
Portugal	132.8	49.5	213.7	40.8	310.4	39.9	49.6	59.9	75.3
Spain	1,014.1	777.1	586.4	328.7	380.1	194.0	207.4	234.7	153.8
Switzerland	215.0	1,124.8	538.3	273.5	385.7	295.0	1,607.1	897.9	616.5
Nordic Countries, total	1,578.3	1,751.1	958.1	589.8	470.5	604.0	1,919.0	923.9	1,712.4
Denmark	302.1	431.5	324.3	77.1	109.1	192.7	269.7	213.0	482.1
Finland	230.7	192.9	71.4	126.4	142.4	136.6	1,208.3	420.4	583.7
Iceland	141.3	39.4	4.5	3.5	3.3	1.7	59.2	1.6	69.0
Norway	283.7	366.6	235.5	150.4	116.7	42.9	160.0	163.9	168.3
Sweden	620.6	720.5	322.5	232.3	99.0	230.2	221.8	124.9	409.4
Central/Eastern Europe, total	171.3	204.4	571.3	452.0	490.9	322.7	74.7	594.5	1,174.6
Austria	84.8	99.7	191.2	93.9	17.0	102.3	15.5	165.3	198.3
Czech Republic	0.0	0.0	0.0	21.0	15.7	8.5	3.3	173.3	122.1
Czechoslovakia	0.5	3.3	153.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	3.1	95.2	87.1	160.4	35.0	3.7	6.8	3.8	3.9
Poland	82.9	6.2	117.9	153.8	75.8	83.3	50.0	264.5	7.1
Russia	0.0	0.0	21.2	21.5	344.0	121.7	-4.4	-25.1	839.2
Slovakia	0.0	0.0	0.0	0.1	0.0	0.1	0.5	11.7	0.2
Slovenia	0.0	0.0	0.9	1.4	3.4	3.1	2.9	1.0	3.8
Asia, total	8,800.0	10,585.2	12,366.4	13,653.2	12,351.0	10,622.2	11,664.5	14,856.3	17,293.2
China	781.2	1,207.9	2,085.7	2,240.0	1,928.9	1,041.6	1,619.5	2,126.3	3,492.1
Hong Kong	559.4	751.9	648.7	558.3	400.4	434.9	708.8	188.8	468.3
India	26.2	27.5	21.4	498.3	204.0	101.2	392.5	312.9	458.7
Indonesia	406.6	115.5	444.7	772.1	446.6	98.3	222.9	501.0	285.4
Japan	3,499.2	2,962.8	3,598.6	2,633.0	3,118.3	2,580.6	2,308.0	2,945.0	3,928.4
South Korea	1,017.5	1,521.4	1,541.3	1,453.1	1,657.9	2,242.6	2,163.5	2,314.4	1,663.8
Malaysia	438.9	660.8	817.4	1,507.6	977.1	273.2	309.6	1,413.3	1,358.7
Philippines	197.4	39.8	60.6	393.5	46.0	178.0	269.1	103.1	54.2
Singapore	718.8	1,158.3	806.8	1,256.7	1,581.8	1,258.2	1,288.5	1,606.6	1,906.8
Taiwan	613.5	1,265.2	1,333.4	2,038.6	1,662.0	1,766.6	1,426.1	2,215.2	2,864.2
Thailand	541.3	874.0	1,007.9	302.0	328.0	647.1	956.0	1,129.8	812.8
South America, total	862.6	1,451.6	1,381.1	754.2	320.2	778.1	939.3	1,116.0	1,229.5
Argentina	98.1	57.3	273.9	208.7	98.1	164.2	61.7	133.6	278.4
Brazil	570.6	1,227.9	881.8	486.2	168.4	414.4	526.5	689.6	465.0
Chile	168.3	146.5	213.1	47.7	47.3	157.6	342.0	270.2	448.0
Peru	25.6	19.9	12.2	11.6	6.4	41.8	9.0	22.5	38.1
Africa, total	230.1	423.5	291.2	336.5	139.2	167.6	181.5	291.3	809.4
Kenya	5.7	6.0	7.9	9.0	9.1	6.8	10.9	90.9	47.0
Nigeria	38.9	10.8	5.0	5.2	13.9	4.8	3.1	2.5	5.0
South Africa, Republic of	185.5	406.7	278.2	322.4	116.1	156.0	167.4	197.9	757.5
All other countries	5,253.3	4,892.6	7,192.3	6,145.3	4,924.6	3,445.1	5,570.6	7,636.7	10,783.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98

(In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Weapons									
Total, all countries	1,494.3	1,856.0	1,734.9	1,583.1	1,423.5	1,693.0	1,926.7	2,050.8	1,889.6
NAFTA partners, total	117.7	215.9	145.6	183.2	174.5	154.5	170.2	192.8	116.4
Canada	109.6	211.9	142.3	176.1	163.8	143.9	154.9	154.0	105.4
Mexico	8.2	3.9	3.4	7.0	10.8	10.6	15.4	38.9	11.0
Europe Four, total	513.3	682.1	674.2	342.7	354.6	397.3	320.6	318.2	324.4
France	47.1	39.4	82.3	29.6	30.7	48.0	41.3	37.7	52.0
Germany, Federal Republic of	319.9	495.2	458.0	213.4	186.2	148.4	90.3	65.3	40.6
Italy	27.3	31.5	27.6	29.0	23.3	17.0	18.4	32.7	30.1
United Kingdom	119.0	115.9	106.3	70.7	114.4	183.8	170.6	182.5	201.7
Other Western Europe, total	136.4	156.8	196.5	156.9	123.1	123.5	196.1	141.4	138.9
Belgium	19.1	12.8	16.2	26.1	27.9	14.4	8.4	4.3	3.9
Greece	1.5	2.6	1.7	2.9	3.9	15.0	2.9	6.4	26.3
Ireland	1.2	0.9	0.8	0.8	1.2	0.8	0.8	3.4	1.7
Netherlands	31.8	41.9	67.8	70.4	36.5	35.4	78.4	73.6	70.7
Portugal	0.5	6.7	11.8	1.1	1.8	4.4	17.4	1.4	4.5
Spain	29.4	14.0	56.1	10.7	19.5	18.3	37.5	17.0	13.8
Switzerland	52.8	78.0	42.1	45.0	32.4	35.1	50.7	35.3	18.0
Nordic Countries, total	39.3	59.1	32.8	57.3	62.6	67.2	75.8	77.1	141.4
Denmark	4.1	1.7	2.1	2.9	10.2	5.5	8.9	9.5	15.5
Finland	2.8	2.9	2.0	1.2	1.4	4.1	3.1	4.3	5.8
Iceland	0.0	-2.6	0.1	0.4	0.1	0.2	0.2	0.1	0.2
Norway	13.7	61.3	29.8	45.5	32.9	45.9	42.4	49.1	92.7
Sweden	18.7	-4.1	-1.2	7.3	18.0	11.5	21.1	14.0	27.2
Central/Eastern Europe, total	2.6	6.1	9.8	5.7	5.1	20.7	6.3	48.9	9.6
Austria	2.2	4.8	6.1	2.6	2.2	1.9	1.9	44.3	6.2
Czech Republic	0.0	0.0	0.0	-0.3	0.2	0.5	0.8	0.4	0.3
Czechoslovakia	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.1	0.5	0.4	0.2	0.2	0.3	0.2	0.4	-1.3
Poland	0.4	0.7	1.7	0.4	0.7	0.7	1.9	3.0	3.6
Russia	0.0	0.0	1.1	2.5	1.7	17.3	1.0	0.5	0.5
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Slovenia	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.3
Asia, total	433.7	531.4	483.4	681.7	579.1	657.9	834.2	792.0	620.5
China	13.0	22.1	17.3	20.5	17.7	26.4	6.3	2.5	-14.0
Hong Kong	4.2	11.4	11.5	7.2	7.4	9.4	8.7	12.7	7.5
India	7.7	6.0	5.4	4.8	8.8	8.9	10.9	19.0	5.5
Indonesia	1.3	4.8	6.2	5.9	3.6	2.8	7.0	2.9	3.3
Japan	193.9	305.3	312.4	467.1	340.2	371.9	582.2	447.3	473.2
South Korea	47.9	68.7	47.2	30.3	22.2	32.1	52.5	55.5	55.9
Malaysia	4.7	2.9	2.3	3.8	2.9	8.6	9.1	9.0	3.0
Philippines	0.9	0.4	0.8	0.1	0.5	-1.1	4.8	2.9	-1.0
Singapore	36.1	36.5	22.0	26.2	27.2	30.0	38.5	33.6	31.5
Taiwan	123.1	63.6	56.6	112.9	144.9	157.1	109.5	196.8	51.2
Thailand	1.0	9.7	1.6	2.9	3.8	11.9	4.5	9.7	4.5
South America, total	12.2	15.1	14.8	10.1	11.6	19.6	15.9	21.9	28.2
Argentina	1.6	4.8	4.3	2.8	2.6	4.0	5.1	6.1	6.8
Brazil	9.7	7.4	7.0	5.1	4.7	10.5	6.1	9.6	15.4
Chile	2.2	2.5	3.4	1.5	4.1	2.6	2.2	2.4	4.6
Peru	-1.4	0.3	0.1	0.7	0.2	2.5	2.4	3.7	1.3
Africa, total	9.2	10.8	8.6	3.4	5.9	5.8	6.8	6.1	9.1
Kenya	0.1	0.2	0.3	0.1	0.2	0.1	0.0	0.1	0.2
Nigeria	7.9	8.0	6.5	1.9	1.0	1.8	2.1	3.2	6.7
South Africa, Republic of	1.2	2.6	1.8	1.3	4.7	4.0	4.7	2.8	2.2
All other countries	229.8	178.8	169.1	142.1	106.9	246.6	300.8	452.4	501.1

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Nuclear technology									
Total, all countries	1,067.2	1,150.0	1,249.2	1,182.8	1,295.9	974.8	975.9	1,118.8	485.9
NAFTA partners, total	26.9	37.3	42.5	27.3	54.8	4.5	19.8	1.5	37.8
Canada	24.7	27.9	23.7	21.6	45.6	0.7	1.2	-1.6	-6.0
Mexico	2.1	9.4	18.8	5.7	9.2	3.8	18.6	3.0	43.8
Europe Four, total	80.3	104.2	91.9	98.4	101.3	74.6	44.3	54.6	-41.2
France	16.8	13.7	10.7	22.2	31.2	23.3	12.1	3.8	-94.2
Germany, Federal Republic of	30.8	39.0	46.5	47.0	39.0	35.0	13.2	34.4	59.9
Italy	9.8	10.3	9.6	8.3	7.9	5.4	6.6	9.8	5.7
United Kingdom	22.9	41.2	25.1	20.8	23.2	10.9	12.4	6.6	-12.6
Other Western Europe, total	31.2	44.5	53.2	53.3	61.7	85.3	75.2	95.4	25.1
Belgium	4.0	5.0	3.8	8.7	5.3	9.5	26.7	31.2	2.1
Greece	0.2	0.5	0.5	0.6	0.4	0.7	0.4	0.3	0.4
Ireland	1.6	0.8	1.8	0.9	1.0	0.0	1.4	0.3	0.3
Netherlands	8.5	8.8	8.1	11.4	9.8	9.7	6.7	7.6	-25.6
Portugal	0.5	1.9	0.8	0.2	0.1	0.3	0.0	0.1	0.7
Spain	9.0	23.5	30.3	27.0	39.9	61.1	35.6	50.4	43.0
Switzerland	7.3	4.0	7.8	4.5	5.1	4.0	4.5	5.5	4.3
Nordic Countries, total	35.8	19.1	17.2	9.0	11.8	36.0	16.1	5.9	-10.7
Denmark	0.8	2.0	0.7	2.4	1.8	1.4	3.3	1.4	1.6
Finland	2.0	2.6	2.2	1.0	0.7	-2.9	-4.0	-0.6	-0.4
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Norway	0.5	0.7	0.3	0.3	0.3	0.6	0.7	0.7	1.3
Sweden	32.4	13.8	14.1	5.3	9.0	36.9	16.0	4.4	-13.3
Central/Eastern Europe, total	2.7	2.9	4.4	5.7	-9.0	7.7	16.2	5.0	-385.1
Austria	1.7	2.3	2.5	2.0	3.2	3.2	1.9	3.6	5.6
Czech Republic	0.0	0.0	0.0	0.5	1.1	0.4	6.0	18.9	4.7
Czechoslovakia	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.2	0.3	0.6	0.5	0.5	0.2	0.3	0.2	0.2
Poland	0.4	0.2	0.2	1.4	0.5	0.6	1.5	0.8	0.9
Russia	0.0	0.0	0.6	0.9	-14.8	2.5	1.6	-20.8	-402.1
Slovakia	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.3	1.3
Slovenia	0.0	0.0	0.0	0.4	0.2	0.6	4.8	1.9	4.3
Asia, total	867.5	916.9	1,002.8	962.1	1,040.0	741.0	771.3	970.2	860.6
China	3.5	5.6	4.2	3.2	2.9	12.4	4.4	2.1	8.8
Hong Kong	1.1	1.3	2.1	2.5	3.7	4.2	2.7	2.3	5.6
India	2.5	1.8	2.2	2.5	1.9	2.9	3.5	1.8	0.9
Indonesia	0.7	0.8	1.7	1.2	0.6	0.9	0.7	0.4	0.1
Japan	664.8	797.1	736.1	790.1	824.2	636.0	541.6	607.6	612.5
South Korea	110.7	78.0	83.2	115.3	81.8	64.9	164.5	189.3	128.4
Malaysia	0.4	0.7	0.7	1.3	0.7	1.4	0.8	4.1	1.3
Philippines	0.1	0.3	0.4	0.6	0.2	1.8	0.5	1.8	0.4
Singapore	0.4	1.2	2.1	0.9	2.8	1.4	1.1	2.6	2.7
Taiwan	82.8	29.2	169.8	44.0	120.6	12.5	50.5	157.1	99.2
Thailand	0.4	0.9	0.4	0.5	0.8	2.5	1.0	0.9	0.7
South America, total	5.0	4.0	3.6	5.4	5.8	6.7	9.5	8.5	13.6
Argentina	0.5	0.6	0.8	2.6	1.1	1.1	1.4	2.7	3.5
Brazil	3.9	2.5	2.5	2.2	4.4	4.0	5.6	5.1	9.3
Chile	0.5	0.8	0.2	0.6	0.3	1.4	0.3	0.2	0.6
Peru	0.1	0.0	0.1	0.1	0.0	0.2	2.2	0.5	0.2
Africa, total	0.6	0.9	0.7	0.8	0.6	0.5	1.1	0.6	0.4
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
Nigeria	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0
South Africa, Republic of	0.6	0.8	0.5	0.7	0.6	0.5	0.7	0.5	0.4
All other countries	17.3	20.2	32.9	20.7	28.9	18.6	22.7	-22.7	-14.4

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98

(In millions of U.S. dollars)

Region or country	Balance								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Software									
Total, all countries	1,194.5	1,429.2	1,784.7	2,170.3	2,591.4	2,498.1	2,029.7	2,513.9	2,580.2
NAFTA partners, total	402.0	450.3	519.7	626.9	809.8	782.5	543.9	745.4	1,028.7
Canada	386.4	429.1	484.0	573.0	709.5	730.9	487.4	663.8	876.6
Mexico	15.6	21.2	35.7	53.9	100.3	51.7	56.5	81.5	152.1
Europe Four, total	319.9	362.5	482.5	560.2	595.0	486.4	356.8	403.1	406.6
France	54.9	68.4	83.0	83.0	97.8	89.6	59.1	67.2	104.5
Germany, Federal Republic of	102.2	129.8	193.0	243.8	232.3	164.3	104.1	92.8	100.7
Italy	34.6	29.4	37.5	37.0	47.4	51.4	51.4	52.0	45.2
United Kingdom	128.2	134.9	169.0	196.3	217.5	181.0	142.2	191.2	156.2
Other Western Europe, total	83.2	122.4	158.0	153.1	173.4	136.0	108.4	120.7	179.7
Belgium	13.1	19.6	30.3	42.6	52.6	37.0	16.3	20.0	18.5
Greece	1.6	2.5	4.3	5.4	6.6	6.2	0.9	2.4	3.8
Ireland	2.1	5.2	4.1	-0.9	-1.0	27.1	19.3	20.6	27.9
Netherlands	27.5	46.2	53.5	50.1	49.8	0.6	25.3	34.7	68.0
Portugal	2.5	3.9	6.1	6.4	5.2	5.7	5.1	10.2	4.9
Spain	18.5	28.6	34.4	24.5	27.8	28.1	21.9	16.3	24.2
Switzerland	18.0	16.4	25.4	24.9	32.5	31.3	19.5	16.5	32.5
Nordic Countries, total	46.6	57.4	66.8	66.4	75.8	62.8	36.0	48.6	53.8
Denmark	6.1	18.6	18.2	17.7	18.8	13.2	8.3	11.3	11.3
Finland	5.3	4.5	5.7	6.7	8.6	9.1	-2.6	5.6	7.0
Iceland	0.2	0.5	0.4	0.5	0.4	0.3	0.4	0.4	1.5
Norway	9.3	8.9	9.4	13.2	14.9	10.9	7.2	8.3	10.3
Sweden	25.8	24.8	33.1	28.3	33.0	29.3	22.7	23.1	23.7
Central/Eastern Europe, total	10.4	21.7	36.1	45.5	63.7	37.9	20.2	20.8	1.7
Austria	6.8	9.9	11.5	13.0	13.1	7.8	7.3	5.7	7.1
Czech Republic	0.0	0.0	0.0	7.0	12.7	5.5	2.4	2.7	2.5
Czechoslovakia	0.3	4.3	6.5	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	2.5	4.2	9.7	9.3	7.3	2.7	0.8	2.5	2.4
Poland	0.8	3.3	6.0	7.3	10.5	7.2	3.5	4.2	-13.1
Russia	0.0	0.0	2.0	7.5	16.5	9.1	3.5	4.3	0.7
Slovakia	0.0	0.0	0.0	0.1	1.2	2.2	0.5	0.5	0.7
Slovenia	0.0	0.0	0.4	1.4	2.4	3.5	2.2	0.9	1.4
Asia, total	213.9	242.7	293.5	396.4	452.0	559.9	568.9	708.0	467.7
China	6.9	6.3	12.6	21.2	23.8	21.0	15.5	16.3	26.3
Hong Kong	15.1	22.9	22.0	40.7	46.9	85.0	61.0	84.4	38.5
India	4.8	4.0	5.8	4.0	4.5	25.5	22.1	13.1	40.7
Indonesia	2.3	2.1	2.0	2.5	0.7	2.9	2.3	2.4	0.3
Japan	121.4	139.1	151.5	179.4	234.8	307.7	359.5	441.2	357.7
South Korea	23.5	30.0	37.0	62.7	85.1	89.1	91.1	104.0	46.8
Malaysia	2.0	4.4	5.3	10.6	13.0	10.8	-39.3	-28.5	-78.9
Philippines	3.8	0.8	1.4	3.2	2.9	2.6	5.9	5.5	2.7
Singapore	16.8	19.2	24.5	28.0	-6.3	-36.9	20.3	52.0	39.1
Taiwan	14.4	12.2	27.7	39.2	35.7	33.4	14.7	8.1	-8.1
Thailand	2.8	1.5	3.9	4.7	10.8	18.9	15.8	9.4	2.6
South America, total	14.5	35.8	49.6	90.6	121.0	131.2	127.2	163.8	198.2
Argentina	2.0	18.1	17.7	33.7	29.7	15.4	20.1	24.3	35.1
Brazil	9.1	12.1	23.8	46.3	78.6	93.1	86.7	116.1	131.9
Chile	3.0	5.1	7.2	9.0	9.2	17.3	15.3	16.6	20.2
Peru	0.4	0.6	0.8	1.6	3.6	5.4	5.1	6.9	11.0
Africa, total	11.9	17.6	24.0	37.4	52.6	52.3	47.7	33.1	26.3
Kenya	0.0	0.1	0.1	0.6	0.3	0.5	0.3	0.2	0.5
Nigeria	0.5	1.1	0.5	0.8	1.0	0.9	0.2	0.3	0.8
South Africa, Republic of	11.3	16.5	23.4	35.9	51.4	51.0	47.2	32.6	25.1
All other countries	92.0	118.8	154.3	193.9	248.0	249.0	220.6	270.4	217.4

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
All technologies									
Total, all countries	94,727.6	101,641.5	107,091.3	108,356.6	120,743.3	138,416.5	154,909.2	179,321.8	186,552.5
NAFTA partners, total	12,639.4	13,553.5	15,448.6	15,656.5	18,911.9	21,668.9	24,543.4	28,019.3	29,471.7
Canada	10,294.7	10,976.8	12,047.9	12,231.9	14,146.5	17,522.4	18,832.5	20,255.0	20,449.8
Mexico	2,344.6	2,576.7	3,400.7	3,424.6	4,765.4	4,146.5	5,710.9	7,764.3	9,021.9
Europe Four, total	25,367.4	26,647.0	25,498.5	23,336.6	25,397.7	27,029.6	27,924.8	32,648.1	36,724.5
France	5,754.9	6,772.1	6,401.1	5,820.2	5,860.5	5,611.2	5,895.2	6,455.6	7,942.7
Germany, Federal Republic of	7,402.8	8,566.2	7,765.2	6,382.5	6,559.2	7,993.3	8,373.9	8,491.2	10,409.6
Italy	2,190.0	2,530.9	2,641.6	1,745.9	2,301.1	2,606.7	2,571.4	2,409.8	2,344.5
United Kingdom	10,019.6	8,777.8	8,690.6	9,388.0	10,676.9	10,818.5	11,084.3	15,291.5	16,027.6
Other Western Europe, total	9,571.1	10,584.7	9,500.6	8,523.0	10,190.6	11,954.6	12,794.6	14,725.7	15,358.6
Belgium	1,313.5	1,477.1	1,143.3	1,026.9	1,179.9	1,168.4	1,487.2	1,725.8	2,141.5
Greece	87.5	310.3	152.9	207.4	139.2	666.1	175.1	258.8	671.0
Ireland	1,191.5	1,199.3	1,304.7	1,197.6	1,663.2	2,060.1	1,724.3	1,986.2	2,618.6
Netherlands	4,071.9	3,897.9	3,748.2	3,899.3	4,425.6	5,320.5	5,294.0	7,488.5	6,980.1
Portugal	247.9	185.0	349.1	145.3	442.1	196.9	221.0	254.6	258.6
Spain	1,702.5	1,603.4	1,512.9	1,048.9	1,184.5	1,237.2	1,266.7	1,157.2	1,077.3
Switzerland	956.2	1,911.6	1,289.6	997.4	1,156.2	1,305.3	2,626.5	1,854.6	1,611.6
Nordic Countries, total	3,211.1	3,413.4	2,538.7	2,050.7	2,001.3	2,532.6	4,220.6	3,201.3	4,059.4
Denmark	519.7	666.2	569.0	338.4	396.4	547.1	657.1	575.6	818.0
Finland	436.4	366.9	235.9	309.3	355.2	441.0	1,528.7	746.1	961.0
Iceland	147.5	60.6	23.5	15.3	15.2	43.3	88.7	20.9	91.6
Norway	553.1	664.0	531.2	464.6	406.9	362.7	501.3	579.1	579.3
Sweden	1,554.4	1,655.6	1,179.0	923.1	827.5	1,138.6	1,444.8	1,279.7	1,609.5
Central/Eastern Europe, total	458.0	600.3	1,175.5	1,279.0	1,396.3	1,341.8	1,107.4	1,843.6	2,558.8
Austria	303.6	355.5	451.3	360.6	314.6	445.1	356.6	535.4	523.3
Czech Republic	0.0	0.0	0.0	106.3	103.0	122.5	120.4	297.4	262.6
Czechoslovakia	17.8	37.8	246.1	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	24.2	130.4	136.3	250.3	112.9	71.5	72.6	142.6	125.1
Poland	112.4	76.7	203.0	253.8	186.9	203.6	182.3	418.8	191.3
Russia	0.0	0.0	129.8	273.3	631.7	446.6	307.5	384.0	1,356.6
Slovakia	0.0	0.0	0.0	10.3	14.7	13.8	23.9	35.8	62.3
Slovenia	0.0	0.0	8.9	24.4	32.6	38.6	44.1	29.7	37.6
Asia, total	30,470.3	33,160.3	36,812.9	41,871.3	47,677.1	57,846.2	64,945.9	73,876.7	68,997.0
China	1,241.7	1,707.5	2,849.7	3,401.6	3,083.5	2,470.5	3,164.6	3,737.7	6,055.5
Hong Kong	1,901.3	2,205.8	2,531.7	2,873.5	3,217.9	4,336.1	4,595.0	4,789.6	4,434.1
India	278.0	215.5	212.9	712.9	494.3	558.7	914.2	815.4	978.2
Indonesia	529.6	247.0	660.0	946.3	592.5	415.1	686.9	1,077.8	466.2
Japan	12,218.5	12,365.3	12,603.7	12,150.8	14,414.4	17,416.9	20,177.0	21,310.5	19,410.5
South Korea	3,521.1	4,072.0	4,181.2	4,646.0	6,207.4	8,414.3	9,465.6	9,851.9	7,487.7
Malaysia	2,373.4	2,592.1	2,885.6	4,102.5	4,613.9	5,526.1	4,933.2	6,869.8	6,322.0
Philippines	922.5	762.5	917.5	1,427.7	1,614.2	2,304.4	2,981.3	4,022.5	4,119.8
Singapore	3,331.1	3,779.0	3,823.1	5,216.5	6,318.0	7,619.2	8,451.7	8,949.5	8,261.6
Taiwan	2,862.9	3,522.8	4,323.2	5,128.8	5,458.1	6,357.2	6,881.8	9,267.9	9,043.4
Thailand	1,290.2	1,690.8	1,824.2	1,264.6	1,663.1	2,427.7	2,694.7	3,184.0	2,418.0
South America, total	2,180.7	2,837.4	3,116.2	2,865.4	3,233.2	4,101.2	5,067.3	6,689.8	7,277.4
Argentina	294.8	411.9	793.0	868.7	1,062.6	823.0	850.9	1,234.3	1,398.6
Brazil	1,523.3	2,055.9	1,817.2	1,604.0	1,698.2	2,564.4	3,284.6	4,333.6	4,511.5
Chile	293.4	307.1	433.7	307.5	345.3	508.1	730.0	783.7	1,033.3
Peru	69.3	62.5	72.3	85.1	127.0	205.7	201.8	338.3	334.0
Africa, total	492.3	718.7	591.1	692.5	485.2	584.3	582.0	725.0	1,334.4
Kenya	12.1	12.7	13.9	14.9	17.6	15.9	19.5	102.5	58.2
Nigeria	76.1	49.3	50.8	55.5	33.5	31.0	26.4	26.3	38.8
South Africa, Republic of	404.2	656.8	526.4	622.0	434.1	537.4	536.1	596.3	1,237.4
All other countries	10,337.2	10,126.2	12,409.2	12,081.7	11,450.0	11,357.1	13,723.1	17,592.3	20,770.7

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Biotechnology									
Total, all countries	661.2	706.0	745.8	892.7	1,029.2	1,055.5	1,197.4	1,479.6	1,469.3
NAFTA partners, total	78.7	92.1	108.2	133.7	152.6	125.3	135.2	160.8	201.0
Canada	71.2	84.2	97.4	119.3	133.3	111.1	112.1	122.8	168.4
Mexico	7.4	7.9	10.8	14.4	19.3	14.2	23.1	38.0	32.7
Europe Four, total	144.9	146.4	164.1	205.0	197.5	235.3	313.4	354.6	284.5
France	19.0	18.5	16.0	20.0	25.8	34.3	54.2	67.4	54.0
Germany, Federal Republic of ..	89.9	77.7	85.4	97.6	110.3	142.5	167.1	180.3	123.8
Italy	17.1	28.3	23.1	29.2	21.3	15.6	13.0	12.5	20.3
United Kingdom	18.8	21.9	39.6	58.2	40.0	42.9	79.1	94.4	86.3
Other Western Europe, total	148.6	178.6	177.8	258.3	295.4	319.3	361.0	470.5	506.4
Belgium	27.5	32.4	43.1	89.9	118.4	151.0	210.8	263.1	327.4
Greece	1.0	1.7	1.6	2.7	3.0	2.6	2.8	6.3	1.0
Ireland	48.9	79.3	60.1	81.2	94.9	83.6	48.8	104.3	24.4
Netherlands	33.0	32.0	42.5	48.6	36.9	40.4	68.5	57.9	89.6
Portugal	0.3	0.2	0.3	0.3	0.9	0.5	0.6	0.2	0.2
Spain	20.9	21.9	23.9	29.4	33.9	18.8	23.8	32.9	53.5
Switzerland	17.1	11.0	6.3	6.2	7.3	22.5	5.6	5.7	10.3
Nordic Countries, total	34.7	33.6	35.1	41.8	32.8	30.0	17.2	17.9	18.0
Denmark	3.3	4.2	4.6	2.2	3.2	6.6	9.2	4.7	3.9
Finland	17.5	17.1	16.3	25.1	20.1	14.8	2.6	2.1	2.0
Iceland	0.1	0.2	0.3	0.2	0.0	0.0	0.2	0.2	0.1
Norway	0.7	2.0	3.3	5.3	4.2	3.1	1.3	6.8	6.4
Sweden	13.1	10.1	10.6	9.0	5.2	5.4	3.9	4.1	5.6
Central/Eastern Europe, total	3.6	4.7	9.4	10.8	14.2	22.6	26.8	20.9	20.1
Austria	3.0	2.9	4.9	8.0	4.2	10.9	14.3	10.9	12.1
Czech Republic	0.0	0.0	0.0	0.0	0.9	0.4	1.0	5.2	1.6
Czechoslovakia	0.0	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.4	0.4	0.4	0.8	0.7	1.2	0.6	0.7	1.0
Poland	0.2	0.7	1.8	0.6	5.7	9.1	9.9	2.5	2.2
Russia	0.0	0.0	0.6	0.3	1.5	0.8	0.9	0.5	1.0
Slovakia	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.7
Slovenia	0.0	0.0	0.0	1.0	1.1	0.1	0.2	0.8	1.5
Asia, total	207.2	204.2	192.2	172.9	239.4	231.2	223.9	301.9	289.4
China	0.5	1.5	2.6	1.8	1.4	1.2	2.1	2.1	6.4
Hong Kong	3.8	4.1	4.4	4.1	9.6	6.6	8.0	17.0	9.4
India	0.8	0.8	1.2	0.7	1.5	1.8	3.0	3.4	5.5
Indonesia	1.5	2.4	2.1	2.6	3.4	4.1	4.2	4.5	0.7
Japan	178.5	176.6	153.8	139.6	189.5	173.0	157.8	218.9	218.9
South Korea	3.4	2.5	3.7	3.4	5.7	11.9	13.1	12.1	12.6
Malaysia	1.2	1.1	1.9	2.5	2.7	3.0	2.6	4.2	3.1
Philippines	1.4	1.5	1.7	1.9	2.8	2.8	3.6	4.4	4.0
Singapore	1.6	2.0	2.0	1.9	3.2	3.6	3.9	3.4	4.1
Taiwan	6.7	7.6	14.0	9.9	14.1	17.0	19.1	23.7	17.9
Thailand	7.8	4.0	4.8	4.6	5.5	6.1	6.5	8.1	6.9
South America, total	6.9	9.0	14.5	19.2	36.0	25.5	35.4	48.9	47.0
Argentina	2.3	4.8	8.8	10.1	14.5	7.1	8.5	13.9	15.4
Brazil	1.7	1.4	2.5	4.5	15.7	12.9	22.4	26.1	21.8
Chile	1.3	1.1	1.3	2.5	2.8	2.0	1.6	5.4	6.2
Peru	1.7	1.7	1.8	2.1	2.9	3.6	2.9	3.6	3.5
Africa, total	3.3	3.1	2.6	3.5	3.7	4.2	4.9	5.0	4.3
Kenya	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.2	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
South Africa, Republic of	3.3	3.0	2.6	3.4	3.6	4.1	4.8	4.7	4.1
All other countries	33.3	34.3	41.9	47.6	57.6	62.1	79.7	99.1	98.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Life science technologies									
Total, all countries	5,049.1	5,344.3	5,781.1	6,021.6	6,798.5	8,568.3	9,190.3	10,155.9	10,173.4
NAFTA partners, total	727.3	688.6	721.2	763.4	880.3	906.2	950.4	1,027.5	1,017.7
Canada	581.3	509.0	510.5	521.3	632.9	732.2	764.8	788.0	754.1
Mexico	146.0	179.7	210.7	242.2	247.4	174.0	185.6	239.5	263.5
Europe Four, total	1,493.3	1,637.6	1,804.7	1,688.2	1,890.6	2,392.8	2,417.4	2,552.4	2,627.4
France	285.1	314.9	386.5	343.6	418.1	495.3	535.6	513.6	540.4
Germany, Federal Republic of	653.0	773.3	807.9	825.0	896.0	1,020.9	1,076.2	1,137.0	1,105.3
Italy	221.1	227.2	250.9	179.5	173.0	270.1	247.3	279.4	355.9
United Kingdom	334.0	322.2	359.4	340.1	403.5	606.5	558.3	622.4	625.7
Other Western Europe, total	616.1	702.2	747.0	758.7	837.8	1,075.5	1,146.1	1,391.0	1,770.6
Belgium	103.5	156.2	173.4	200.4	248.4	253.0	250.6	281.0	376.8
Greece	11.0	18.8	19.1	21.5	16.8	29.5	23.4	28.6	31.8
Ireland	62.7	48.5	52.8	60.0	62.3	84.1	85.9	79.8	165.9
Netherlands	255.4	279.1	287.5	273.8	303.4	394.7	466.3	641.1	812.6
Portugal	9.9	12.7	15.8	13.2	15.7	36.7	34.3	29.1	40.0
Spain	81.2	90.9	90.7	87.5	87.8	120.1	135.4	148.8	174.1
Switzerland	92.4	95.9	107.8	102.4	103.3	157.5	150.3	182.5	169.5
Nordic Countries, total	161.5	159.8	156.6	149.6	159.6	186.9	214.2	252.5	328.9
Denmark	18.9	19.2	22.6	29.8	26.5	39.8	38.8	41.7	45.1
Finland	29.0	24.6	16.6	14.9	19.2	22.1	27.8	28.2	42.7
Iceland	0.9	1.6	0.8	2.0	0.8	2.2	1.1	1.3	2.1
Norway	27.9	22.4	18.8	22.4	18.5	25.8	31.6	26.2	33.9
Sweden	84.8	92.0	97.8	80.5	94.6	96.9	114.9	155.0	205.1
Central/Eastern Europe, total	56.6	56.5	86.0	106.1	140.2	161.3	171.0	176.9	156.8
Austria	38.6	34.8	46.4	45.8	53.6	62.3	60.4	57.9	57.6
Czech Republic	0.0	0.0	0.0	7.0	10.0	11.5	11.3	12.4	13.4
Czechoslovakia	5.7	4.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	5.1	9.3	6.9	7.2	12.4	7.9	7.9	10.2	9.8
Poland	7.3	7.8	11.7	10.6	17.2	19.6	21.3	20.8	23.7
Russia	0.0	0.0	12.7	31.5	43.4	54.5	63.8	68.5	47.9
Slovakia	0.0	0.0	0.0	0.7	1.2	1.3	3.3	3.1	2.1
Slovenia	0.0	0.0	0.4	3.4	2.4	4.3	3.0	4.0	2.4
Asia, total	1,336.7	1,331.3	1,494.8	1,690.9	1,946.1	2,698.7	3,028.0	3,347.1	2,739.8
China	87.7	93.4	134.2	152.7	125.8	142.5	167.5	188.5	197.0
Hong Kong	50.8	70.4	91.4	113.7	121.4	149.8	174.5	210.6	223.4
India	62.2	39.2	42.0	49.5	53.3	73.1	81.7	113.0	92.0
Indonesia	9.5	12.6	9.0	15.3	7.4	14.0	12.9	21.0	9.0
Japan	751.7	730.6	788.5	850.0	1,005.0	1,560.6	1,729.0	1,911.9	1,602.8
South Korea	168.4	198.8	184.7	229.4	314.7	350.4	406.0	386.0	208.5
Malaysia	9.9	14.1	16.5	23.5	25.8	42.2	37.9	70.2	54.5
Philippines	9.3	8.7	9.5	12.9	13.9	17.1	20.9	32.0	19.1
Singapore	63.1	45.4	55.5	72.2	104.3	137.2	141.8	159.9	110.7
Taiwan	102.0	89.8	124.9	125.1	124.2	138.9	173.8	183.2	190.4
Thailand	22.1	28.3	38.7	46.5	50.1	73.0	82.1	70.8	32.6
South America, total	137.7	177.0	206.5	241.2	288.9	361.4	410.3	445.5	495.4
Argentina	21.6	39.1	52.1	57.3	99.8	76.6	82.1	89.9	92.5
Brazil	94.0	112.2	114.0	133.4	141.6	229.6	265.8	289.2	341.2
Chile	15.1	21.4	33.5	41.3	36.3	37.2	44.3	44.4	45.0
Peru	7.0	4.4	6.9	9.3	11.2	18.0	18.1	22.1	16.7
Africa, total	43.1	45.8	45.9	42.2	42.2	58.2	61.0	61.3	62.7
Kenya	0.7	0.5	1.3	0.5	0.5	0.7	1.4	0.9	1.3
Nigeria	12.2	10.5	11.2	3.6	2.2	4.0	4.1	2.1	4.0
South Africa, Republic of	30.2	34.8	33.5	38.1	39.5	53.6	55.4	58.3	57.4
All other countries	476.8	545.6	518.4	581.2	612.9	727.3	791.9	901.7	974.2

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Opto-electronics									
Total, all countries	548.6	655.6	639.6	720.6	946.5	1,201.6	1,448.0	1,826.4	1,944.3
NAFTA partners, total	68.2	76.0	109.6	127.0	162.1	177.6	211.2	293.5	296.0
Canada	50.5	47.5	73.8	83.8	104.7	132.7	151.2	226.6	230.6
Mexico	17.8	28.5	35.8	43.2	57.4	44.8	60.0	67.0	65.5
Europe Four, total	188.8	210.8	220.6	229.4	285.7	349.5	348.7	422.9	554.8
France	32.9	34.1	31.0	30.5	39.0	46.2	55.1	79.9	83.4
Germany, Federal Republic of ..	60.1	90.6	110.2	107.3	149.2	193.0	166.8	174.6	190.0
Italy	25.0	23.5	22.2	19.7	20.5	24.1	20.9	35.2	52.7
United Kingdom	70.8	62.7	57.3	71.8	77.0	86.2	105.9	133.2	228.8
Other Western Europe, total	40.4	56.1	64.9	58.1	44.9	85.9	87.3	109.1	123.1
Belgium	3.8	4.3	9.5	4.6	7.4	13.8	16.4	13.5	24.0
Greece	0.4	0.6	1.1	0.4	0.4	0.9	1.3	0.9	1.8
Ireland	1.5	6.4	5.1	15.3	6.4	8.8	7.1	16.5	10.4
Netherlands	18.5	21.9	19.9	22.0	14.2	35.8	32.6	44.0	53.9
Portugal	0.5	1.7	0.9	1.6	1.3	1.6	1.5	2.3	1.6
Spain	7.1	8.7	20.0	6.7	7.3	15.8	17.8	18.9	13.4
Switzerland	8.7	12.5	8.4	7.4	8.1	9.1	10.7	13.0	18.1
Nordic Countries, total	19.2	13.3	14.0	18.5	26.6	22.6	31.7	27.3	42.4
Denmark	4.2	2.2	2.8	3.5	4.4	3.3	4.9	4.2	5.2
Finland	5.2	3.1	3.1	3.0	3.2	3.4	4.6	6.9	8.0
Iceland	0.0	0.1	0.0	0.9	0.1	0.1	0.1	0.2	0.5
Norway	2.4	1.6	2.1	5.1	7.3	5.9	5.0	2.7	4.2
Sweden	7.4	6.3	5.9	6.0	11.6	9.9	17.1	13.3	24.6
Central/Eastern Europe, total	3.5	5.1	5.8	5.2	9.0	11.1	8.8	13.8	15.1
Austria	3.0	3.9	5.1	3.8	4.9	6.5	5.3	9.1	7.1
Czech Republic	0.0	0.0	0.0	0.1	0.5	0.9	0.6	0.8	1.4
Czechoslovakia	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.2	0.6	0.2	0.4	0.5	0.5	0.7	0.6	1.1
Poland	0.1	0.6	0.0	0.3	0.3	1.0	0.6	1.1	2.7
Russia	0.0	0.0	0.2	0.4	2.2	1.4	0.6	1.4	1.4
Slovakia	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.1	0.2
Slovenia	0.0	0.0	0.1	0.1	0.6	0.6	0.7	0.8	1.2
Asia, total	162.5	215.9	142.1	179.0	317.7	444.8	650.9	803.4	745.7
China	3.6	4.0	8.7	7.7	5.5	7.4	10.2	13.1	44.6
Hong Kong	7.5	11.4	14.3	18.0	17.9	16.5	18.4	27.5	41.4
India	1.9	1.0	2.1	2.8	6.9	12.7	7.5	4.7	9.5
Indonesia	0.4	0.4	1.5	1.2	1.0	2.0	8.9	2.3	1.0
Japan	111.7	142.2	57.9	78.5	163.6	181.6	319.6	330.9	296.7
South Korea	10.9	23.7	28.5	28.7	48.4	69.9	75.4	89.7	39.1
Malaysia	3.7	3.4	2.7	4.8	5.7	14.1	13.2	29.2	26.5
Philippines	2.4	0.7	0.6	1.3	0.9	3.5	5.9	24.7	16.8
Singapore	7.0	9.8	13.8	22.6	38.6	74.1	85.7	122.3	94.9
Taiwan	11.9	16.8	10.4	11.7	26.4	56.0	95.4	149.3	168.4
Thailand	1.5	2.5	1.5	1.7	2.8	7.0	10.8	9.7	6.7
South America, total	8.8	6.8	9.5	15.1	20.6	29.8	35.5	51.0	43.0
Argentina	1.3	2.3	4.4	6.0	6.9	6.7	6.5	8.7	7.1
Brazil	6.1	3.1	3.2	6.3	9.7	18.1	22.2	34.2	30.2
Chile	0.8	1.3	1.3	2.4	3.3	4.2	3.9	4.5	3.8
Peru	0.6	0.2	0.6	0.4	0.8	0.8	2.8	3.5	1.9
Africa, total	3.1	6.0	4.1	4.2	7.5	7.2	5.9	8.8	14.6
Kenya	0.4	0.2	0.2	0.2	0.1	0.2	0.2	0.7	0.3
Nigeria	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.2
South Africa, Republic of	2.7	5.8	3.9	4.1	7.2	7.0	5.5	8.1	14.1
All other countries	54.0	65.5	69.1	84.0	72.2	73.1	68.0	96.7	109.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
(In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computers and telecommunications									
Total, all countries	31,375.0	30,726.3	32,569.2	34,198.8	39,859.3	47,890.5	52,780.1	61,164.6	58,201.8
NAFTA partners, total	5,510.0	5,607.2	6,393.6	7,032.7	8,197.7	8,883.0	10,716.7	12,686.6	13,161.3
Canada	4,353.9	4,433.6	4,958.8	5,333.4	5,975.3	7,064.3	8,071.2	9,050.3	8,897.2
Mexico	1,156.1	1,173.7	1,434.8	1,699.3	2,222.4	1,818.7	2,645.6	3,636.3	4,264.2
Europe Four, total	8,694.5	7,882.8	7,780.3	7,454.3	8,591.6	10,331.8	10,683.0	11,066.1	10,604.7
France	1,490.7	1,353.6	1,377.7	1,305.9	1,598.7	2,084.5	2,186.9	1,982.0	1,720.5
Germany, Federal Republic of	2,909.1	2,712.0	2,677.9	2,402.3	2,554.9	3,242.0	3,511.4	3,093.2	3,124.7
Italy	803.4	774.0	685.8	566.0	584.6	662.5	704.3	720.8	639.7
United Kingdom	3,491.3	3,043.2	3,038.9	3,180.0	3,853.4	4,342.7	4,280.4	5,270.1	5,119.8
Other Western Europe, total	3,855.0	3,706.1	3,827.5	3,830.3	4,142.0	4,915.9	5,016.8	6,606.9	7,229.8
Belgium	455.6	437.4	446.1	370.9	351.3	364.6	426.0	482.7	570.8
Greece	24.3	36.6	41.7	49.5	32.4	47.6	41.3	40.3	73.5
Ireland	624.1	546.1	576.4	528.5	878.4	1,184.2	999.9	1,152.1	1,541.9
Netherlands	1,923.9	1,806.2	1,852.0	2,057.1	1,968.3	2,141.6	2,387.4	3,992.8	4,084.6
Portugal	66.5	72.3	59.6	48.5	73.4	71.3	69.1	102.1	80.8
Spain	339.9	402.0	436.9	370.9	408.1	583.1	573.9	404.4	403.0
Switzerland	420.6	405.5	414.8	404.9	430.2	523.5	519.3	432.6	475.2
Nordic Countries, total	776.8	755.4	773.4	675.8	655.3	881.9	961.2	907.2	822.8
Denmark	137.0	145.6	153.0	146.3	144.8	202.1	218.7	196.6	164.9
Finland	117.1	92.6	82.6	85.8	86.5	140.3	160.0	160.4	188.1
Iceland	3.4	15.7	16.0	5.3	8.6	36.4	23.3	14.1	16.4
Norway	136.9	124.1	151.8	137.1	127.0	133.0	151.2	206.9	124.5
Sweden	382.4	377.4	369.9	301.2	288.4	370.1	407.9	329.1	328.8
Central/Eastern Europe, total	162.7	249.9	381.2	522.2	483.1	546.2	543.5	660.1	899.1
Austria	129.6	158.8	135.8	131.3	141.7	152.4	150.6	140.4	138.3
Czech Republic	0.0	0.0	0.0	64.4	52.8	76.1	74.7	63.3	80.1
Czechoslovakia	8.5	23.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	11.3	17.3	29.1	66.5	46.5	44.7	45.7	116.2	96.0
Poland	13.3	50.9	53.4	63.1	57.5	65.2	69.4	92.8	112.9
Russia	0.0	0.0	86.4	177.5	160.1	180.8	170.5	216.9	396.6
Slovakia	0.0	0.0	0.0	4.9	8.2	9.0	13.3	15.2	53.7
Slovenia	0.0	0.0	6.4	14.6	16.3	18.0	19.3	15.3	21.5
Asia, total	8,307.7	8,206.8	8,768.1	9,222.1	11,262.3	14,849.6	16,890.1	18,707.4	15,146.4
China	232.5	229.3	398.9	664.7	685.1	851.4	770.5	791.7	1,453.2
Hong Kong	452.2	514.0	691.2	854.8	1,035.9	1,674.5	1,551.4	2,196.1	1,749.1
India	89.3	83.2	83.1	88.5	129.4	211.5	254.3	238.6	257.5
Indonesia	88.8	83.6	162.3	101.9	73.3	183.6	274.3	407.6	75.1
Japan	4,232.5	4,202.1	4,095.5	3,917.7	4,542.7	5,559.5	6,784.4	6,863.1	5,494.7
South Korea	827.0	829.9	754.6	894.2	1,482.6	1,768.0	2,055.6	2,102.0	1,089.0
Malaysia	165.3	217.8	252.2	261.3	436.9	715.2	791.6	1,050.7	831.1
Philippines	83.2	92.6	124.6	137.4	213.8	272.3	316.0	399.6	299.2
Singapore	1,106.5	1,008.2	1,017.0	1,195.6	1,477.1	2,245.8	2,601.5	2,729.2	2,252.3
Taiwan	859.6	698.6	866.3	813.2	767.4	800.8	975.1	1,370.5	1,302.6
Thailand	170.8	247.5	322.3	292.8	418.1	567.0	515.4	558.4	342.6
South America, total	621.6	783.4	1,146.7	1,390.1	2,078.9	2,252.2	2,857.1	3,819.6	3,708.4
Argentina	150.7	260.1	386.0	493.9	742.9	499.7	619.3	883.2	901.3
Brazil	349.7	374.0	557.7	662.9	1,027.1	1,377.2	1,808.0	2,279.2	2,093.8
Chile	90.1	117.3	156.1	178.1	214.4	252.0	284.2	398.1	464.5
Peru	31.1	32.1	46.9	55.3	94.5	123.4	145.7	259.1	248.8
Africa, total	159.8	169.3	180.6	224.6	191.1	233.4	216.3	267.8	350.6
Kenya	4.6	4.8	3.1	3.9	5.7	6.9	4.8	6.7	8.2
Nigeria	15.1	16.5	25.1	40.7	11.9	16.4	13.5	16.3	20.4
South Africa, Republic of	140.1	147.9	152.4	179.9	173.5	210.1	198.1	244.8	322.0
All other countries	3,286.9	3,365.4	3,317.8	3,846.9	4,257.2	4,996.3	4,895.2	6,442.9	6,278.7

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Electronics									
Total, all countries	7,392.3	8,709.3	9,753.0	11,814.5	16,098.6	31,223.4	35,079.5	37,946.2	38,155.6
NAFTA partners, total	1,699.2	2,240.7	2,579.2	2,832.8	4,127.6	6,770.1	7,404.8	8,107.8	8,341.6
Canada	1,400.6	1,976.1	2,239.7	2,387.6	3,228.9	5,518.5	5,279.6	5,238.2	5,340.8
Mexico	298.6	264.6	339.4	445.1	898.7	1,251.6	2,125.2	2,869.6	3,000.8
Europe Four, total	1,705.3	1,884.5	1,979.8	2,452.8	3,064.9	4,056.8	3,484.4	3,636.7	3,567.7
France	357.7	336.2	276.9	290.3	318.4	521.8	457.5	595.7	720.1
Germany, Federal Republic of	445.8	487.9	440.9	523.8	631.9	871.8	801.7	730.3	855.2
Italy	181.4	225.8	187.0	186.5	237.9	328.1	418.5	533.9	471.2
United Kingdom	720.4	834.5	1,075.0	1,452.3	1,876.7	2,335.0	1,806.8	1,776.8	1,521.2
Other Western Europe, total	367.2	388.3	379.9	444.8	660.0	886.8	1,147.4	1,444.6	1,095.5
Belgium	38.6	32.6	30.3	42.9	58.0	64.4	45.1	65.7	61.0
Greece	0.5	1.6	5.4	1.3	1.1	2.1	2.6	1.9	2.7
Ireland	99.4	93.0	105.9	162.2	273.6	380.7	273.4	247.3	335.9
Netherlands	141.8	160.8	126.1	146.9	213.2	274.3	659.4	925.4	501.4
Portugal	11.1	10.4	11.4	6.1	8.4	18.0	33.2	45.3	42.3
Spain	28.6	38.7	42.4	36.1	41.1	54.7	58.0	59.9	68.5
Switzerland	47.1	51.3	58.4	49.3	64.8	92.5	75.7	99.1	83.6
Nordic Countries, total	72.6	92.3	118.1	162.2	239.0	300.3	345.4	401.8	373.0
Denmark	13.6	15.3	16.3	24.3	40.2	51.4	49.1	53.9	48.8
Finland	14.0	14.0	19.9	30.1	47.3	56.6	58.6	59.1	86.0
Iceland	0.1	0.2	0.2	0.4	0.5	0.8	0.7	1.5	1.1
Norway	11.3	17.4	20.2	22.6	31.9	34.8	32.8	33.2	41.5
Sweden	33.6	45.5	61.5	84.8	119.0	156.7	204.2	254.2	195.7
Central/Eastern Europe, total	15.3	22.4	23.0	35.7	58.4	74.4	77.0	70.9	65.4
Austria	13.9	18.8	14.6	21.7	35.9	43.8	44.5	41.0	26.3
Czech Republic	0.0	0.0	0.0	2.3	4.1	8.3	7.6	6.0	12.4
Czechoslovakia	0.2	0.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.5	1.0	0.7	2.8	2.8	2.8	4.2	3.5	2.0
Poland	0.8	1.6	1.9	2.7	5.1	5.7	5.2	5.8	11.0
Russia	0.0	0.0	2.0	5.3	8.6	11.8	9.8	11.6	12.7
Slovakia	0.0	0.0	0.0	0.2	0.6	0.5	0.6	0.9	0.3
Slovenia	0.0	0.0	0.3	0.8	1.4	1.5	5.0	2.0	0.7
Asia, total	3,183.1	3,726.9	4,334.2	5,443.3	7,355.3	18,280.3	21,609.4	23,405.7	23,684.4
China	20.8	17.2	21.7	33.1	25.1	73.6	160.2	190.6	509.6
Hong Kong	424.6	464.9	669.5	795.6	892.2	1,536.5	1,821.2	1,804.8	1,660.8
India	44.0	28.8	27.8	26.4	35.2	75.8	57.1	47.9	52.4
Indonesia	1.2	6.4	1.9	1.6	3.6	25.5	130.1	106.4	80.9
Japan	921.1	1,099.9	1,048.3	1,254.0	1,817.8	3,454.3	4,216.8	3,907.9	3,216.2
South Korea	225.5	277.4	286.9	452.4	555.8	2,066.3	2,653.8	3,141.2	3,531.5
Malaysia	363.8	302.3	327.3	317.6	426.9	3,731.7	3,285.5	3,668.2	3,783.4
Philippines	76.8	87.5	94.4	125.2	134.8	1,476.3	2,104.5	2,958.0	3,504.8
Singapore	553.7	617.2	809.3	1,315.3	1,901.2	2,890.3	3,415.8	3,306.3	3,124.4
Taiwan	516.3	780.4	998.5	1,058.2	1,463.0	2,297.6	2,941.9	3,213.0	3,079.7
Thailand	35.3	45.0	48.6	64.1	99.7	652.5	822.5	1,061.5	1,140.8
South America, total	127.1	126.7	110.3	118.1	158.6	231.6	290.1	366.1	387.0
Argentina	10.0	14.1	26.7	18.0	22.8	14.5	11.6	28.8	22.5
Brazil	112.6	108.3	77.5	92.3	123.8	199.2	261.7	317.6	347.6
Chile	4.0	3.7	5.3	6.8	9.6	14.4	12.7	11.8	12.8
Peru	0.5	0.6	0.8	1.1	2.5	3.5	4.2	7.9	4.1
Africa, total	16.4	21.5	15.1	22.3	23.6	31.0	22.7	19.3	19.3
Kenya	0.0	0.1	0.1	0.1	0.7	0.0	0.6	2.1	0.5
Nigeria	0.8	0.6	0.3	1.8	0.8	0.8	0.2	0.4	0.1
South Africa, Republic of	15.6	20.8	14.8	20.3	22.1	30.2	21.9	16.8	18.7
All other countries	206.0	206.0	213.4	302.4	411.2	592.1	698.3	493.3	621.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computer-integrated manufacturing									
Total, all countries	3,095.7	3,251.4	3,412.6	4,039.0	5,191.0	7,469.6	8,583.6	9,126.5	7,295.2
NAFTA partners, total	540.2	542.5	617.7	618.6	793.9	835.2	905.3	1,210.8	1,148.1
Canada	408.8	383.1	380.8	412.3	580.1	650.0	664.5	858.4	774.8
Mexico	131.3	159.3	236.9	206.3	213.8	185.3	240.7	352.4	373.3
Europe Four, total	719.7	701.0	726.5	808.5	941.1	1,320.3	1,349.2	1,203.7	1,070.6
France	139.0	164.6	177.6	221.8	269.6	316.7	380.7	332.8	228.8
Germany, Federal Republic of ..	265.1	267.8	225.3	237.7	254.6	500.8	428.9	344.0	370.5
Italy	110.5	97.6	121.2	112.6	146.1	190.1	158.8	116.3	139.7
United Kingdom	205.1	171.1	202.4	236.4	270.8	312.6	380.8	410.7	331.6
Other Western Europe, total	209.1	209.9	234.1	289.2	312.2	463.3	456.6	488.7	623.8
Belgium	33.8	26.2	34.4	20.0	32.5	41.7	49.3	45.1	49.5
Greece	2.3	2.6	4.2	3.7	1.3	2.8	4.0	3.1	3.4
Ireland	12.7	14.6	27.7	95.5	82.9	77.3	55.5	111.2	211.6
Netherlands	80.1	69.1	85.2	88.8	107.8	222.7	189.7	174.6	227.3
Portugal	4.6	5.7	6.8	6.3	7.4	5.3	7.5	2.7	4.2
Spain	30.2	34.3	35.3	28.6	29.3	35.4	45.5	57.4	25.7
Switzerland	45.4	57.4	40.4	46.2	51.0	78.0	105.2	94.7	102.3
Nordic Countries, total	39.9	43.2	43.2	51.6	59.0	73.9	82.6	86.4	78.2
Denmark	7.6	7.8	6.6	7.0	8.9	10.7	17.7	11.3	10.0
Finland	7.5	6.4	7.4	5.9	10.2	18.8	20.7	22.7	13.6
Iceland	0.3	0.6	0.6	0.9	0.7	0.5	0.9	1.2	0.4
Norway	6.1	8.1	11.2	14.0	8.2	12.2	10.0	15.5	11.9
Sweden	18.4	20.3	17.4	23.7	31.0	31.7	33.3	35.7	42.3
Central/Eastern Europe, total	17.5	16.0	28.3	56.1	84.9	71.8	74.9	64.3	65.2
Austria	12.4	12.1	20.9	25.4	29.8	35.7	35.6	25.4	12.4
Czech Republic	0.0	0.0	0.0	2.8	2.9	7.7	5.5	4.0	14.4
Czechoslovakia	2.2	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.8	1.4	0.7	1.7	4.9	5.6	2.3	2.6	6.7
Poland	2.2	1.9	2.5	2.4	2.4	1.7	3.2	6.5	6.5
Russia	0.0	0.0	2.6	20.5	38.0	14.1	22.5	22.8	23.2
Slovakia	0.0	0.0	0.0	2.5	2.5	0.4	0.3	0.4	1.6
Slovenia	0.0	0.0	0.4	0.7	4.5	6.6	5.5	2.6	0.4
Asia, total	1,276.0	1,465.2	1,427.4	1,838.4	2,615.3	4,229.6	5,210.6	5,430.3	3,703.8
China	60.8	89.0	107.1	156.3	174.1	152.7	200.4	167.4	187.7
Hong Kong	35.8	42.7	60.6	87.6	107.3	109.9	132.9	142.6	95.9
India	35.6	18.1	17.4	30.0	39.0	32.9	58.4	29.3	28.8
Indonesia	4.3	5.4	11.7	9.8	8.1	14.9	16.2	15.1	8.0
Japan	593.1	661.4	478.2	544.9	819.1	1,291.5	1,608.5	1,425.3	1,032.2
South Korea	208.0	289.0	294.5	382.0	709.9	1,324.3	1,559.4	1,175.0	476.4
Malaysia	57.4	54.9	75.6	113.9	117.8	189.2	196.9	295.8	216.3
Philippines	40.9	37.3	30.4	54.1	47.7	105.3	89.5	168.9	202.1
Singapore	100.5	94.1	127.2	170.2	172.1	313.8	402.2	488.8	345.6
Taiwan	115.5	147.4	194.1	254.3	367.8	630.4	866.5	1,456.8	1,061.1
Thailand	24.2	25.9	30.6	35.3	52.3	64.7	79.7	65.4	49.6
South America, total	46.6	46.9	43.2	69.0	78.1	108.1	126.5	218.7	184.9
Argentina	4.6	8.7	11.2	17.1	27.4	20.5	22.0	26.0	25.8
Brazil	33.0	29.1	23.3	37.1	34.3	66.5	79.5	162.6	127.4
Chile	7.5	6.8	7.3	12.0	12.7	15.7	17.6	22.6	24.1
Peru	1.4	2.3	1.4	2.9	3.6	5.4	7.4	7.5	7.7
Africa, total	13.2	18.8	14.5	13.4	14.3	16.2	27.5	27.3	23.3
Kenya	0.2	0.8	0.5	0.2	0.8	0.5	0.7	0.6	0.2
Nigeria	0.7	1.6	1.9	1.1	2.3	2.2	2.8	1.2	1.4
South Africa, Republic of	12.2	16.4	12.2	12.1	11.2	13.5	24.0	25.6	21.7
All other countries	233.5	208.1	277.8	294.4	292.4	351.2	350.6	396.2	397.3

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Material design									
Total, all countries	6,403.0	6,226.1	7,153.6	8,404.2	10,406.2	4,519.5	3,013.4	3,320.7	1,290.2
NAFTA partners, total	976.6	975.3	1,236.3	1,153.1	1,291.3	641.5	521.8	533.0	296.0
Canada	800.0	777.2	989.0	904.8	933.4	192.7	351.4	381.7	240.0
Mexico	176.6	198.1	247.3	248.3	357.9	448.8	170.3	151.3	55.9
Europe Four, total	303.9	302.0	346.8	335.6	387.9	303.5	334.3	328.8	167.9
France	69.7	82.4	63.3	102.0	117.1	62.4	73.0	94.0	57.5
Germany, Federal Republic of	75.6	52.9	94.7	59.6	65.8	68.3	80.6	75.8	48.3
Italy	46.5	53.8	75.3	38.9	50.4	26.9	27.3	20.6	16.4
United Kingdom	112.1	112.9	113.5	135.1	154.6	145.9	153.3	138.5	45.6
Other Western Europe, total	91.0	86.8	88.7	99.3	114.3	99.4	114.3	101.3	57.2
Belgium	2.7	1.7	2.3	2.8	3.8	4.6	5.5	6.8	6.6
Greece	0.2	0.5	0.1	0.2	0.2	0.3	1.4	1.6	0.1
Ireland	41.0	37.0	26.4	46.7	47.9	35.6	42.0	44.9	17.0
Netherlands	10.5	17.8	20.1	12.7	12.3	14.9	25.1	16.0	11.2
Portugal	18.4	19.8	21.8	20.2	16.8	12.7	2.3	0.8	0.5
Spain	15.1	6.6	10.1	7.5	24.1	21.9	23.2	20.9	17.2
Switzerland	3.1	3.4	7.9	9.2	9.1	9.3	14.8	10.2	4.6
Nordic Countries, total	10.0	10.4	19.1	17.9	20.3	28.1	44.3	36.0	13.5
Denmark	1.3	1.8	4.4	3.3	3.7	4.8	7.1	6.3	1.3
Finland	2.3	2.4	3.7	1.9	2.0	5.0	6.2	4.4	1.1
Iceland	1.2	1.8	0.7	1.2	0.4	0.7	0.4	0.1	0.1
Norway	1.1	2.0	6.4	6.7	6.1	5.4	13.1	7.2	6.8
Sweden	4.1	2.5	4.0	4.9	8.1	12.2	17.4	18.1	4.2
Central/Eastern Europe, total	1.0	1.7	10.5	20.6	15.2	19.2	36.2	29.1	18.4
Austria	0.9	1.3	5.9	7.9	3.2	8.0	9.6	7.1	7.1
Czech Republic	0.0	0.0	0.0	0.7	1.6	1.5	2.7	4.6	1.1
Czechoslovakia	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.1	0.1	0.1	0.2	1.4	0.6	2.1	0.4	0.1
Poland	0.0	0.1	3.5	9.1	6.6	5.2	9.9	8.0	4.0
Russia	0.0	0.0	0.1	0.4	1.7	3.6	7.0	5.9	4.6
Slovakia	0.0	0.0	0.0	1.8	0.6	0.1	4.7	3.1	1.4
Slovenia	0.0	0.0	0.1	0.5	0.1	0.1	0.2	0.1	0.1
Asia, total	4,952.6	4,798.7	5,363.6	6,654.6	8,461.2	3,320.1	1,795.4	2,074.6	600.5
China	8.4	4.2	21.1	25.7	44.4	71.0	100.7	153.9	34.2
Hong Kong	339.0	307.4	304.4	387.4	562.0	304.4	99.5	88.6	101.4
India	1.9	1.5	3.2	2.3	4.3	4.3	14.9	5.4	3.1
Indonesia	12.2	6.5	14.4	29.1	37.3	54.1	5.5	4.5	0.2
Japan	437.1	498.4	574.1	736.7	761.2	614.5	529.3	519.4	301.8
South Korea	773.5	630.1	787.4	872.1	1,148.7	315.6	129.8	141.1	32.7
Malaysia	1,326.0	1,329.1	1,382.1	1,854.9	2,603.1	534.0	257.9	297.1	13.0
Philippines	505.9	491.8	591.6	694.5	1,142.1	230.2	145.3	301.8	2.2
Singapore	660.5	690.1	814.7	953.6	766.4	427.2	207.4	167.1	60.6
Taiwan	405.3	389.0	507.0	589.5	701.1	400.8	139.3	180.3	47.0
Thailand	482.8	450.7	363.7	508.6	690.7	364.0	165.7	215.4	4.4
South America, total	15.3	9.7	24.9	39.6	35.9	28.7	55.7	95.7	53.5
Argentina	2.0	1.9	6.6	17.2	8.3	5.4	6.3	8.2	7.1
Brazil	12.9	7.2	13.2	17.0	21.5	19.2	43.0	81.6	42.6
Chile	0.3	0.5	4.7	5.4	4.9	3.2	5.2	5.1	3.3
Peru	0.2	0.2	0.3	0.1	1.1	0.9	1.2	0.8	0.5
Africa, total	1.3	1.3	1.8	2.4	3.1	3.6	4.9	3.2	11.2
Kenya	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Nigeria	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
South Africa, Republic of	1.2	1.3	1.8	2.3	3.1	3.6	4.7	3.1	11.2
All other countries	51.2	40.1	61.9	81.2	77.0	75.4	106.5	119.1	72.0

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Aerospace									
Total, all countries	36,155.0	41,220.4	41,810.6	36,796.4	34,500.1	30,517.5	37,746.6	47,677.6	61,269.2
NAFTA partners, total	2,404.7	2,521.6	2,822.8	2,024.1	2,138.9	2,231.0	2,757.5	2,903.8	3,627.6
Canada	2,022.6	2,001.3	2,014.1	1,578.2	1,515.7	2,091.0	2,594.6	2,642.7	2,902.9
Mexico	382.1	520.3	808.7	445.9	623.2	140.0	162.9	261.1	724.7
Europe Four, total	11,112.0	12,618.4	11,104.9	9,000.7	8,844.4	6,878.9	8,013.3	12,071.7	16,699.7
France	3,232.3	4,327.7	3,861.0	3,355.8	2,900.0	1,869.0	2,017.5	2,659.4	4,343.8
Germany, Federal Republic of ..	2,422.1	3,407.7	2,596.1	1,595.8	1,399.5	1,528.4	1,792.2	2,443.1	4,223.0
Italy	708.3	1,028.1	1,199.5	536.8	984.8	1,005.9	896.6	592.0	563.8
United Kingdom	4,749.3	3,854.8	3,448.2	3,512.2	3,560.2	2,475.6	3,307.1	6,377.2	7,569.1
Other Western Europe, total	3,968.1	4,902.2	3,529.8	2,345.2	3,336.3	3,635.3	3,985.0	3,657.5	3,486.5
Belgium	609.0	745.8	352.5	214.2	270.8	206.1	422.0	501.8	681.6
Greece	44.5	242.3	73.1	119.3	73.1	558.2	92.9	166.0	526.1
Ireland	294.2	363.2	426.0	172.6	181.8	165.9	176.9	197.5	270.8
Netherlands	1,527.4	1,400.8	1,169.7	1,084.5	1,627.0	2,050.1	1,288.5	1,449.2	1,004.7
Portugal	133.1	49.6	213.9	41.2	310.8	40.0	49.7	60.2	78.8
Spain	1,121.6	933.5	731.6	418.9	464.3	275.8	289.1	326.9	236.9
Switzerland	238.4	1,166.9	563.0	294.4	408.4	339.4	1,666.0	955.9	687.6
Nordic Countries, total	1,955.1	2,146.9	1,245.7	784.3	639.7	821.5	2,337.7	1,303.3	2,127.3
Denmark	320.0	444.4	334.1	87.9	124.0	204.7	285.4	231.6	506.6
Finland	233.1	196.5	76.2	132.8	155.2	161.8	1,237.6	445.2	602.7
Iceland	141.3	39.9	4.5	3.6	3.4	1.7	61.2	1.7	69.0
Norway	343.2	414.9	276.7	191.6	155.1	83.8	204.0	219.2	240.7
Sweden	917.5	1,051.2	554.2	368.3	202.0	369.4	549.4	405.6	708.2
Central/Eastern Europe, total	181.2	212.4	579.4	461.8	509.1	358.2	113.1	696.9	1,247.5
Austria	90.5	104.9	196.2	97.6	20.7	108.2	22.2	186.4	239.5
Czech Republic	0.0	0.0	0.0	21.4	16.4	9.4	7.5	179.0	129.7
Czechoslovakia	0.5	3.4	153.4	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	3.1	95.2	87.4	160.5	35.1	4.2	6.9	4.2	4.2
Poland	87.1	8.8	120.1	155.7	80.1	87.4	55.0	272.4	18.3
Russia	0.0	0.0	21.3	25.2	353.4	145.8	18.0	42.1	851.8
Slovakia	0.0	0.0	0.0	0.1	0.0	0.1	0.5	11.7	0.2
Slovenia	0.0	0.0	0.9	1.4	3.4	3.1	2.9	1.0	3.8
Asia, total	9,478.5	11,450.4	13,223.7	14,528.2	13,268.4	11,597.4	13,105.3	17,073.0	19,716.6
China	802.9	1,233.5	2,115.3	2,302.4	1,969.1	1,093.0	1,694.0	2,175.7	3,555.7
Hong Kong	565.7	752.8	651.1	559.8	411.1	436.9	712.7	201.7	475.8
India	26.6	30.4	22.0	498.8	204.8	101.7	393.3	316.0	468.5
Indonesia	407.5	122.1	447.2	775.1	452.7	110.3	224.8	510.7	287.3
Japan	3,986.4	3,577.3	4,173.9	3,159.4	3,683.0	3,218.8	3,310.5	4,592.1	5,711.3
South Korea	1,118.6	1,638.5	1,669.2	1,570.8	1,747.5	2,312.7	2,255.9	2,447.8	1,857.7
Malaysia	438.9	661.3	818.9	1,508.3	978.2	274.3	321.3	1,421.0	1,376.3
Philippines	197.8	40.8	62.1	396.3	54.4	187.4	278.8	120.3	64.0
Singapore	774.9	1,243.3	916.8	1,397.6	1,761.0	1,422.4	1,490.0	1,874.8	2,184.7
Taiwan	617.8	1,275.6	1,339.3	2,056.8	1,678.0	1,780.3	1,433.5	2,240.2	2,912.6
Thailand	541.3	874.7	1,008.1	302.9	328.5	659.8	990.5	1,172.7	822.7
South America, total	1,182.8	1,622.6	1,492.4	865.7	389.4	901.5	1,102.8	1,441.2	2,117.0
Argentina	98.2	57.4	274.5	209.2	98.8	167.6	67.8	135.6	280.7
Brazil	890.7	1,398.6	992.3	596.9	236.5	534.0	683.3	1,012.4	1,349.9
Chile	168.3	146.7	213.2	48.0	47.5	158.0	342.2	270.7	448.3
Peru	25.6	19.9	12.3	11.7	6.5	41.9	9.6	22.5	38.2
Africa, total	230.3	423.6	292.9	338.1	140.3	171.4	183.2	292.1	812.1
Kenya	5.8	6.0	8.2	9.1	9.2	6.9	11.0	90.9	47.0
Nigeria	38.9	10.8	5.0	5.4	14.0	4.9	3.2	2.5	5.0
South Africa, Republic of	185.5	406.7	279.7	323.7	117.1	159.7	169.0	198.7	760.1
All other countries	5,642.5	5,322.4	7,519.0	6,448.2	5,233.6	3,922.2	6,148.7	8,238.0	11,434.8

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Weapons									
Total, all countries	1,624.2	2,023.8	1,891.7	1,747.8	1,567.3	1,898.0	2,191.5	2,349.8	2,177.2
NAFTA partners, total	147.1	249.0	185.8	203.1	182.7	167.6	193.4	238.3	172.5
Canada	138.6	239.0	167.4	188.2	170.2	157.0	175.5	181.0	133.3
Mexico	8.5	10.0	18.4	14.9	12.6	10.6	17.8	57.4	39.2
Europe Four, total	574.7	758.1	736.5	433.4	426.0	490.2	452.2	446.5	438.0
France	49.2	52.9	107.5	30.2	30.8	50.0	43.6	39.0	54.1
Germany, Federal Republic of	340.3	514.5	465.6	225.1	202.1	182.3	173.2	145.9	109.3
Italy	31.3	32.3	28.3	29.5	24.0	20.7	22.6	34.5	30.8
United Kingdom	153.9	158.4	135.0	148.6	169.1	237.2	212.9	227.1	243.9
Other Western Europe, total	142.5	170.6	204.8	162.5	126.7	133.0	207.3	153.2	144.3
Belgium	20.0	13.8	16.5	28.7	30.0	17.0	10.4	6.1	3.9
Greece	1.5	2.6	1.7	2.9	3.9	15.0	2.9	6.4	26.3
Ireland	1.2	0.9	0.8	0.8	1.2	0.8	0.8	3.4	1.7
Netherlands	34.7	46.0	69.3	71.8	36.7	38.8	84.2	81.3	72.3
Portugal	0.5	6.7	11.8	1.1	1.8	4.4	17.4	1.4	4.5
Spain	30.3	14.6	56.8	11.5	20.4	21.6	40.5	18.9	16.9
Switzerland	54.1	86.0	47.8	45.7	32.7	35.3	51.1	35.7	18.7
Nordic Countries, total	54.1	77.7	46.1	62.1	68.1	67.8	77.8	88.5	150.6
Denmark	5.1	2.3	3.5	4.9	11.1	5.5	9.1	9.8	15.9
Finland	2.9	3.0	2.0	1.2	1.4	4.1	3.1	4.4	5.8
Iceland	0.0	0.0	0.1	0.4	0.1	0.2	0.2	0.1	0.2
Norway	13.7	61.6	30.6	45.9	33.0	46.4	43.4	51.6	96.9
Sweden	32.4	10.8	9.8	9.7	22.5	11.6	22.0	22.6	31.7
Central/Eastern Europe, total	3.0	6.6	10.7	7.9	7.7	26.2	10.9	52.4	17.1
Austria	2.5	5.3	6.9	3.1	3.1	3.3	2.6	45.0	7.1
Czech Republic	0.0	0.0	0.0	0.1	0.2	0.5	0.8	0.5	0.5
Czechoslovakia	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.1	0.5	0.4	0.2	0.2	0.3	0.2	0.5	0.2
Poland	0.4	0.7	1.7	0.4	0.7	0.7	1.9	3.0	3.8
Russia	0.0	0.0	1.2	3.9	3.3	21.4	5.0	3.1	5.2
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Slovenia	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.3
Asia, total	440.3	539.9	491.5	692.9	592.3	715.3	908.6	867.4	700.6
China	13.9	22.9	18.7	23.9	20.0	40.7	35.4	34.0	16.5
Hong Kong	4.3	11.4	11.6	7.3	7.4	9.4	9.3	12.8	8.0
India	7.7	6.0	5.4	4.8	8.8	8.9	11.0	19.2	6.1
Indonesia	1.3	4.8	6.2	5.9	3.6	2.8	7.0	2.9	3.3
Japan	196.1	308.0	315.1	470.5	344.9	383.5	591.5	457.2	482.7
South Korea	49.3	71.5	49.6	33.0	25.9	39.9	57.8	61.6	61.6
Malaysia	4.7	2.9	2.3	3.8	2.9	8.6	9.1	9.0	3.0
Philippines	0.9	0.4	0.8	0.4	0.5	4.1	9.9	5.1	2.3
Singapore	36.4	36.7	22.3	26.2	28.0	31.4	40.1	35.0	32.5
Taiwan	124.6	65.5	57.8	114.1	146.5	174.0	132.8	220.8	80.0
Thailand	1.0	9.7	1.6	2.9	3.8	12.0	4.6	9.7	4.5
South America, total	14.2	15.3	14.9	10.3	12.2	19.7	16.1	22.0	28.3
Argentina	1.6	4.8	4.3	2.9	3.0	4.0	5.2	6.2	6.9
Brazil	9.7	7.4	7.0	5.1	4.8	10.5	6.1	9.6	15.5
Chile	2.2	2.5	3.4	1.5	4.1	2.6	2.2	2.4	4.6
Peru	0.6	0.5	0.1	0.7	0.2	2.6	2.5	3.8	1.4
Africa, total	9.2	10.8	8.6	3.6	6.0	5.9	6.9	6.3	9.4
Kenya	0.1	0.2	0.3	0.1	0.2	0.1	0.0	0.1	0.2
Nigeria	7.9	8.0	6.5	1.9	1.0	1.8	2.1	3.2	6.7
South Africa, Republic of	1.2	2.6	1.9	1.5	4.8	4.1	4.7	3.0	2.5
All other countries	239.2	195.9	192.8	172.1	145.7	272.2	318.4	475.1	516.6

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Nuclear technology									
Total, all countries	1,071.7	1,153.0	1,254.4	1,190.7	1,318.7	1,014.7	1,061.0	1,253.7	1,251.1
NAFTA partners, total	27.0	37.7	42.7	27.4	55.0	12.0	28.0	14.6	56.7
Canada	24.9	28.3	23.9	21.7	45.8	8.2	9.4	11.6	12.8
Mexico	2.1	9.4	18.8	5.7	9.2	3.8	18.6	3.1	43.8
Europe Four, total	80.8	105.1	94.7	101.4	102.1	90.0	78.1	86.6	176.5
France	17.0	13.7	12.9	24.1	31.6	26.4	17.8	15.2	26.1
Germany, Federal Republic of ..	30.9	39.8	46.5	48.0	39.3	39.4	32.1	43.8	108.3
Italy	9.8	10.3	9.6	8.3	8.1	6.3	7.2	9.9	5.9
United Kingdom	23.1	41.3	25.7	20.9	23.2	17.9	21.0	17.7	36.2
Other Western Europe, total	31.2	44.5	53.2	53.3	61.7	87.2	76.8	97.8	56.5
Belgium	4.0	5.0	3.8	8.7	5.3	10.3	27.4	32.0	2.6
Greece	0.2	0.5	0.5	0.6	0.4	0.7	0.4	0.3	0.4
Ireland	1.6	0.8	1.8	0.9	1.0	0.8	2.2	1.8	0.7
Netherlands	8.5	8.8	8.1	11.4	9.8	9.9	6.7	7.7	4.9
Portugal	0.5	1.9	0.8	0.2	0.1	0.3	0.0	0.1	0.7
Spain	9.0	23.5	30.3	27.0	39.9	61.1	35.6	50.4	43.0
Switzerland	7.3	4.0	7.8	4.5	5.1	4.0	4.6	5.5	4.3
Nordic Countries, total	37.7	19.4	17.3	9.0	12.8	43.3	49.7	18.3	36.5
Denmark	0.8	2.0	0.7	2.4	1.8	1.4	3.3	1.5	1.6
Finland	2.0	2.6	2.2	1.0	0.7	1.6	0.9	4.3	2.5
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Norway	0.5	0.7	0.3	0.3	0.3	0.6	0.7	0.7	1.3
Sweden	34.4	14.2	14.1	5.3	9.9	39.7	44.7	11.7	30.9
Central/Eastern Europe, total	2.8	2.9	4.4	5.7	8.7	8.0	17.9	30.9	25.8
Austria	1.7	2.3	2.5	2.0	3.2	3.3	1.9	3.7	5.6
Czech Republic	0.0	0.0	0.0	0.5	1.1	0.6	6.0	18.9	4.8
Czechoslovakia	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.3	0.3	0.6	0.5	0.5	0.2	0.3	0.2	0.2
Poland	0.4	0.2	0.2	1.4	0.5	0.6	1.5	0.8	0.9
Russia	0.0	0.0	0.6	0.9	2.9	2.6	3.3	5.0	8.7
Slovakia	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.3	1.3
Slovenia	0.0	0.0	0.0	0.4	0.2	0.6	4.8	1.9	4.3
Asia, total	869.3	918.3	1,005.0	966.4	1,042.5	747.6	776.0	973.8	865.6
China	3.5	5.6	4.2	3.2	2.9	12.6	4.5	2.5	9.4
Hong Kong	1.1	1.3	2.1	2.5	3.7	4.2	2.7	2.3	5.6
India	2.5	1.8	2.2	2.5	1.9	2.9	3.6	2.4	2.2
Indonesia	0.7	0.8	1.7	1.2	0.6	0.9	0.7	0.4	0.1
Japan	666.6	798.5	738.3	794.4	826.6	641.8	545.2	609.7	615.4
South Korea	110.7	78.0	83.2	115.3	81.9	65.0	164.5	189.3	128.4
Malaysia	0.4	0.7	0.7	1.3	0.7	1.7	1.3	4.1	1.3
Philippines	0.1	0.3	0.4	0.6	0.2	1.8	0.5	1.8	0.4
Singapore	0.4	1.2	2.1	0.9	2.8	1.5	1.2	2.6	2.7
Taiwan	82.8	29.2	169.8	44.0	120.6	12.6	50.6	157.3	99.2
Thailand	0.4	0.9	0.4	0.5	0.8	2.6	1.2	1.2	0.9
South America, total	5.0	4.0	3.6	5.4	5.8	6.7	9.5	8.5	13.6
Argentina	0.5	0.6	0.8	2.6	1.1	1.1	1.4	2.7	3.5
Brazil	3.9	2.5	2.5	2.2	4.4	4.0	5.7	5.1	9.3
Chile	0.5	0.8	0.2	0.6	0.3	1.4	0.3	0.2	0.6
Peru	0.1	0.0	0.1	0.1	0.0	0.2	2.2	0.5	0.2
Africa, total	0.6	0.9	0.7	0.8	0.6	0.5	1.1	0.6	0.4
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
Nigeria	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0
South Africa, Republic of	0.6	0.8	0.5	0.7	0.6	0.5	0.7	0.5	0.4
All other countries	17.3	20.2	33.0	21.2	29.4	19.3	24.0	22.7	19.4

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98

(In millions of U.S. dollars)

Region or country	Exports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Software									
Total, all countries	1,351.8	1,625.2	2,079.7	2,530.2	3,027.9	3,057.9	2,617.7	3,020.8	3,325.0
NAFTA partners, total	460.4	522.7	631.8	740.6	930.0	919.4	719.3	842.5	1,153.1
Canada	442.3	497.6	592.6	681.3	826.4	864.8	658.2	753.9	995.0
Mexico	18.0	25.1	39.2	59.2	103.6	54.7	61.1	88.5	158.2
Europe Four, total	349.6	400.5	539.7	627.4	665.8	580.6	450.7	478.0	532.7
France	62.3	73.6	90.5	95.8	111.3	104.5	73.4	76.7	114.1
Germany, Federal Republic of	110.9	142.0	214.9	260.3	255.6	203.9	143.7	123.3	151.3
Italy	35.6	30.0	38.7	38.8	50.3	56.3	54.8	54.8	48.0
United Kingdom	140.9	154.8	195.6	232.4	248.6	216.0	178.7	223.3	219.4
Other Western Europe, total	101.8	139.5	192.9	223.3	259.2	252.9	196.0	205.1	264.9
Belgium	15.0	21.7	31.3	43.8	54.0	41.7	23.7	28.0	37.3
Greece	1.6	2.5	4.3	5.5	6.7	6.2	2.1	3.2	4.0
Ireland	4.2	9.5	21.7	33.8	32.9	38.2	32.0	27.5	38.3
Netherlands	38.0	55.4	67.8	81.6	95.9	97.3	85.6	98.5	117.7
Portugal	2.5	3.9	6.1	6.5	5.4	6.1	5.3	10.4	5.0
Spain	18.6	28.7	34.7	24.8	28.4	29.1	24.0	17.8	25.3
Switzerland	21.9	17.8	27.0	27.3	36.1	34.4	23.3	19.6	37.3
Nordic Countries, total	49.6	61.5	70.2	77.8	88.0	76.3	58.9	62.3	68.4
Denmark	7.7	21.4	20.4	26.7	27.7	16.6	13.8	14.1	14.7
Finland	5.8	4.8	6.0	7.4	9.3	12.5	6.5	8.3	8.5
Iceland	0.2	0.6	0.4	0.5	0.5	0.6	0.5	0.5	1.6
Norway	9.4	9.2	9.8	13.5	15.4	11.5	8.1	9.2	11.1
Sweden	26.5	25.5	33.7	29.6	35.2	35.1	30.0	30.2	32.4
Central/Eastern Europe, total	10.9	22.2	36.9	47.0	65.8	42.7	27.2	27.4	28.3
Austria	7.3	10.3	12.0	14.0	14.2	10.7	9.6	8.4	10.2
Czech Republic	0.0	0.0	0.0	7.1	12.7	5.5	2.6	2.7	3.2
Czechoslovakia	0.3	4.3	6.5	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	2.5	4.2	9.8	9.5	7.9	3.5	1.8	3.6	3.7
Poland	0.8	3.3	6.0	7.4	10.8	7.4	4.3	5.1	5.3
Russia	0.0	0.0	2.0	7.5	16.5	9.9	6.1	6.1	3.7
Slovakia	0.0	0.0	0.0	0.1	1.2	2.2	0.5	0.5	0.7
Slovenia	0.0	0.0	0.4	1.4	2.4	3.5	2.2	0.9	1.4
Asia, total	256.4	302.7	370.3	482.7	576.7	731.6	747.7	892.1	804.2
China	7.1	7.0	17.4	30.1	30.0	24.3	19.1	18.1	41.3
Hong Kong	16.6	25.3	31.1	42.8	49.4	87.3	64.5	85.6	63.3
India	5.5	4.7	6.5	6.5	9.3	33.1	29.4	35.6	52.6
Indonesia	2.3	2.1	2.0	2.5	1.5	3.0	2.3	2.5	0.7
Japan	143.6	170.4	180.2	205.0	261.0	337.8	384.4	474.1	437.7
South Korea	25.7	32.6	39.0	64.8	86.2	90.4	94.3	106.2	50.1
Malaysia	2.1	4.4	5.4	10.8	13.1	12.2	15.8	20.2	13.5
Philippines	3.8	0.8	1.4	3.2	3.0	3.7	6.4	5.8	4.8
Singapore	26.5	30.9	42.4	60.2	63.2	71.9	62.1	60.1	49.0
Taiwan	20.4	22.9	41.1	52.1	49.1	49.0	53.7	72.8	84.5
Thailand	2.9	1.6	3.9	4.8	10.9	19.0	15.9	11.1	6.5
South America, total	14.7	35.8	49.7	91.5	128.9	135.9	128.3	172.7	199.2
Argentina	2.0	18.1	17.7	34.5	37.2	19.8	20.4	31.2	35.6
Brazil	9.1	12.1	23.9	46.3	78.8	93.3	87.0	116.1	132.3
Chile	3.2	5.1	7.3	9.1	9.3	17.4	15.8	18.5	20.3
Peru	0.4	0.6	0.8	1.6	3.6	5.4	5.1	6.9	11.0
Africa, total	12.0	17.7	24.0	37.4	52.7	52.5	47.8	33.3	26.5
Kenya	0.1	0.1	0.1	0.6	0.3	0.5	0.3	0.2	0.5
Nigeria	0.5	1.1	0.6	0.9	1.0	0.9	0.2	0.3	0.8
South Africa, Republic of	11.4	16.5	23.4	36.0	51.4	51.1	47.3	32.7	25.2
All other countries	96.5	122.6	164.1	202.6	260.8	265.9	241.7	307.6	247.7

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
All technologies									
Total, all countries	59,381.2	63,252.1	71,871.5	81,233.1	98,116.5	124,787.0	130,361.6	147,289.7	156,673.1
NAFTA partners, total	7,022.1	8,018.8	8,808.8	8,506.5	10,830.6	13,706.7	16,337.2	19,300.7	21,314.2
Canada	5,783.8	6,883.8	7,240.3	6,940.5	8,315.1	10,223.0	11,593.2	12,974.8	14,322.0
Mexico	1,238.3	1,135.0	1,568.5	1,566.0	2,515.5	3,483.7	4,744.0	6,325.9	6,992.3
Europe Four, total	10,198.0	11,773.1	13,329.7	13,134.7	13,835.6	15,817.2	17,307.7	20,953.1	25,486.4
France	3,422.6	4,161.5	4,889.8	4,980.1	4,760.6	4,389.3	4,860.9	5,664.4	7,646.0
Germany, Federal Republic of	2,283.0	2,811.7	3,082.9	2,777.8	3,116.3	4,224.0	4,460.2	5,737.9	7,724.4
Italy	682.9	778.7	760.7	790.8	960.4	1,303.9	1,376.0	1,271.9	1,472.5
United Kingdom	3,809.4	4,021.2	4,596.3	4,586.0	4,998.1	5,899.9	6,610.5	8,279.0	8,643.4
Other Western Europe, total	1,688.2	2,349.9	2,699.7	2,926.4	2,561.7	4,192.1	4,430.3	6,330.3	7,939.4
Belgium	136.3	139.4	161.1	192.3	190.2	439.5	619.1	882.9	747.9
Greece	0.5	0.6	0.6	0.9	1.2	0.8	3.8	7.1	3.9
Ireland	427.2	598.5	698.5	951.5	761.0	1,710.3	1,639.9	2,725.5	4,518.3
Netherlands	682.9	1,035.2	1,284.6	1,193.4	982.8	1,101.5	1,005.1	1,276.3	1,182.4
Portugal	30.4	27.7	16.7	37.6	13.6	34.0	54.2	65.1	78.8
Spain	202.4	268.7	235.0	201.3	197.2	188.1	220.6	301.7	397.0
Switzerland	208.6	279.7	303.3	349.4	415.6	718.0	887.7	1,071.7	1,011.1
Nordic Countries, total	867.3	921.7	791.9	742.1	766.3	1,082.1	1,453.6	1,448.4	1,574.3
Denmark	69.5	83.3	81.3	105.2	126.4	124.2	148.5	201.2	258.5
Finland	55.3	63.1	72.0	83.9	113.4	172.5	197.2	314.3	277.5
Iceland	0.3	5.0	1.2	8.4	1.8	1.6	3.0	1.3	8.0
Norway	98.8	100.1	104.6	105.8	110.0	142.1	147.2	179.7	216.1
Sweden	643.4	670.2	532.8	438.9	414.7	641.7	957.7	751.9	814.3
Central/Eastern Europe, total	93.9	68.8	112.0	184.5	398.6	598.2	709.3	1,024.0	1,695.4
Austria	82.7	58.3	83.9	81.1	136.7	175.2	214.6	234.5	260.3
Czech Republic	0.0	0.0	0.0	12.6	14.5	28.6	42.4	66.3	75.3
Czechoslovakia	0.1	0.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	5.6	6.1	6.3	13.2	21.8	34.9	148.4	451.5	840.5
Poland	5.4	3.7	3.7	4.6	9.3	20.8	39.4	37.5	57.0
Russia	0.0	0.0	14.5	70.2	194.4	305.5	242.9	222.5	451.6
Slovakia	0.0	0.0	0.0	1.6	0.6	0.9	1.3	1.2	2.9
Slovenia	0.0	0.0	0.4	1.1	21.2	32.4	20.3	10.5	7.8
Asia, total	37,726.9	38,358.4	44,216.0	54,062.1	67,918.6	87,257.9	87,539.6	95,104.9	94,348.5
China	162.5	356.1	594.9	1,107.7	2,324.5	3,456.0	3,826.1	4,867.4	6,124.9
Hong Kong	1,200.3	1,048.9	1,159.7	1,437.0	1,384.8	1,776.8	1,664.1	1,763.5	1,483.8
India	10.3	15.8	18.0	36.3	48.2	99.8	155.6	276.0	154.1
Indonesia	19.9	89.4	281.6	380.7	521.3	594.3	582.6	810.5	904.6
Japan	19,453.6	19,799.5	21,458.4	24,959.3	28,727.3	32,950.1	30,527.9	31,772.1	28,976.7
South Korea	3,693.8	3,357.1	3,657.0	4,672.4	6,660.3	11,134.3	9,517.0	9,823.8	9,382.6
Malaysia	1,905.1	2,331.3	3,368.7	4,968.1	6,995.6	9,676.6	9,636.2	10,386.1	11,369.0
Philippines	657.8	765.5	1,049.5	1,327.4	1,655.2	2,525.3	3,468.5	5,056.0	6,368.4
Singapore	5,795.1	5,954.7	7,057.8	8,452.8	10,845.5	13,685.4	15,561.1	15,195.2	14,006.8
Taiwan	3,695.9	3,440.0	4,079.2	5,014.9	6,424.3	8,680.7	9,934.8	11,877.4	12,275.2
Thailand	1,132.8	1,200.1	1,491.1	1,705.5	2,331.6	2,678.5	2,665.7	3,277.1	3,302.3
South America, total	363.0	243.1	235.4	187.6	150.9	221.8	271.6	420.7	1,040.6
Argentina	6.0	8.3	32.6	28.7	34.5	15.8	11.8	19.7	56.4
Brazil	354.2	234.1	201.8	158.2	115.0	204.6	257.0	396.6	983.0
Chile	0.5	0.5	0.6	0.6	1.1	1.0	1.4	3.0	0.7
Peru	2.4	0.2	0.4	0.2	0.3	0.4	1.4	1.4	0.5
Africa, total	2.7	1.8	7.3	8.0	14.7	18.4	15.7	9.3	14.6
Kenya	1.0	0.4	4.0	1.5	0.7	2.9	3.1	3.3	1.3
Nigeria	0.1	0.1	0.0	0.2	0.2	3.2	0.1	0.0	0.4
South Africa, Republic of	1.7	1.3	3.2	6.2	13.8	12.3	12.5	5.9	12.9
All other countries	1,419.1	1,516.5	1,670.7	1,481.2	1,639.4	1,892.6	2,296.7	2,698.2	3,259.8

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Biotechnology									
Total, all countries	32.1	48.7	48.8	59.2	73.3	444.8	548.8	825.9	748.2
NAFTA partners, total	10.3	9.1	10.3	8.7	9.6	15.1	12.0	10.3	29.5
Canada	1.2	0.2	0.0	0.2	0.1	10.9	7.9	7.7	18.5
Mexico	9.1	9.0	10.3	8.5	9.5	4.2	4.1	2.6	11.0
Europe Four, total	11.0	23.3	21.3	16.3	11.0	98.7	129.9	170.6	220.5
France	3.7	6.0	3.1	3.1	2.9	42.3	61.4	104.7	109.6
Germany, Federal Republic of ..	5.1	14.0	15.9	11.1	5.7	14.5	18.8	17.5	39.9
Italy	1.4	1.7	1.4	1.7	2.2	7.0	13.0	11.2	9.9
United Kingdom	0.7	1.6	0.9	0.4	0.2	34.8	36.7	37.2	61.0
Other Western Europe, total	7.2	11.3	12.7	29.1	28.3	266.6	327.5	569.3	425.2
Belgium	0.2	0.0	0.0	0.0	0.2	176.0	185.9	270.1	200.6
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	0.6	1.0	2.6	3.1	1.1	4.6	18.6	54.8	69.6
Netherlands	5.4	4.7	3.9	7.3	11.1	29.9	58.8	54.2	52.6
Portugal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spain	0.0	0.1	0.0	0.0	0.0	8.8	5.0	6.9	7.9
Switzerland	0.9	5.5	6.2	18.6	15.9	47.3	59.1	183.3	94.5
Nordic Countries, total	0.8	1.1	0.6	0.8	2.8	6.7	3.2	5.6	7.3
Denmark	0.1	0.0	0.0	0.1	1.6	3.2	1.7	3.1	3.1
Finland	0.0	0.3	0.0	0.0	0.0	1.2	0.3	1.3	1.5
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sweden	0.8	0.8	0.6	0.6	1.1	2.3	1.3	1.2	2.8
Central/Eastern Europe, total	0.6	1.0	0.8	1.6	19.1	30.6	25.8	14.8	18.9
Austria	0.2	0.1	0.3	0.3	0.0	0.4	0.1	1.5	4.2
Czech Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1
Czechoslovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.4	0.9	0.4	0.5	1.3	4.1	7.8	5.6	7.9
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Russia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.2
Slovenia	0.0	0.0	0.0	0.9	17.8	25.8	17.5	7.4	6.6
Asia, total	1.6	2.1	1.9	1.6	1.5	22.2	42.0	40.0	37.5
China	0.0	0.0	0.3	0.3	0.0	0.6	9.9	10.7	12.0
Hong Kong	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
India	0.2	0.2	0.0	0.0	0.0	0.0	1.5	0.5	0.8
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	1.4	1.9	1.6	1.3	1.0	21.5	29.9	28.7	24.6
South Korea	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Malaysia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Philippines	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Singapore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Taiwan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	0.0	0.0	0.0	0.0	0.0	0.1	0.2	6.6	0.0
South America, total	0.0	0.0	0.0	0.0	0.0	0.1	0.0	5.7	4.1
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.2
Brazil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Africa, total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.0	0.0	0.0	0.0	4.9	8.0	8.6	0.1
All other countries	0.6	0.8	1.1	1.2	1.0	4.9	8.0	8.6	5.2

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Life science technologies									
Total, all countries	3,417.6	4,305.8	4,821.4	4,607.5	4,821.5	6,607.2	7,832.7	10,002.4	12,425.9
NAFTA partners, total	186.6	277.7	379.6	250.2	290.8	450.1	559.4	890.3	847.1
Canada	79.6	101.4	119.5	120.1	145.3	175.9	228.3	467.9	376.0
Mexico	107.0	176.3	260.1	130.1	145.5	274.2	331.1	422.5	471.2
Europe Four, total	1,331.0	1,888.8	2,057.0	1,919.5	1,957.5	2,587.8	3,078.6	3,910.2	5,434.9
France	217.9	277.9	259.9	262.6	355.8	325.0	495.3	452.6	436.8
Germany, Federal Republic of	793.1	1,135.9	1,215.7	1,036.6	944.7	1,240.6	1,304.7	2,202.5	3,398.7
Italy	44.6	58.1	70.8	72.0	78.9	127.4	151.3	187.1	328.3
United Kingdom	275.4	416.8	510.7	548.3	578.0	894.9	1,127.3	1,068.1	1,271.0
Other Western Europe, total	354.1	446.5	517.5	647.2	606.3	1,024.9	1,511.5	2,365.6	3,165.1
Belgium	22.1	32.2	35.2	34.2	45.7	112.5	179.6	278.1	200.3
Greece	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Ireland	78.2	97.0	112.2	162.4	134.2	299.8	566.3	1,253.1	2,212.0
Netherlands	172.9	187.7	210.3	257.5	218.1	207.8	271.0	281.7	253.0
Portugal	0.6	0.2	0.3	0.2	0.6	1.3	1.6	0.5	0.7
Spain	10.4	15.4	15.7	24.5	20.7	25.3	24.0	41.1	38.6
Switzerland	69.9	114.0	143.7	168.5	187.0	378.1	469.0	511.0	460.4
Nordic Countries, total	99.3	104.9	95.1	112.4	123.0	218.3	229.6	270.6	340.3
Denmark	18.8	20.7	25.0	33.8	38.9	43.7	61.1	102.6	104.6
Finland	25.5	38.4	37.8	29.1	45.8	65.2	64.4	76.1	97.8
Iceland	0.0	0.0	1.0	1.8	0.4	1.3	0.5	0.8	5.5
Norway	5.6	3.5	2.1	3.4	3.8	10.4	12.5	13.9	22.0
Sweden	49.3	42.4	29.1	44.2	34.1	97.7	91.1	77.2	110.5
Central/Eastern Europe, total	15.1	18.0	29.5	83.2	198.9	338.6	265.7	205.8	101.1
Austria	11.1	13.8	10.8	16.5	24.1	53.4	57.4	74.5	65.5
Czech Republic	0.0	0.0	0.0	0.0	0.2	0.3	0.5	3.4	5.7
Czechoslovakia	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	4.0	4.0	4.6	7.8	9.2	6.9	5.3	7.7	15.1
Poland	0.1	0.2	0.5	0.3	0.7	0.6	0.8	0.9	0.9
Russia	0.0	0.0	13.2	58.3	161.3	271.7	200.3	117.8	13.0
Slovakia	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.0	0.7
Slovenia	0.0	0.0	0.2	0.1	3.2	5.4	1.2	1.5	0.2
Asia, total	869.2	1,027.1	1,117.7	1,117.9	1,195.0	1,421.8	1,593.4	1,655.9	1,785.2
China	14.0	14.8	48.8	58.5	101.7	100.2	151.4	192.2	230.8
Hong Kong	19.8	18.6	24.1	16.5	16.1	18.9	20.8	16.0	14.9
India	1.2	1.2	1.3	2.2	3.5	9.4	17.2	15.4	27.8
Indonesia	0.1	0.3	0.1	0.0	0.0	0.2	0.1	0.5	0.2
Japan	746.6	889.6	910.3	891.1	896.3	1,105.5	1,185.1	1,192.1	1,252.0
South Korea	8.6	7.3	7.2	6.4	7.4	8.5	10.5	20.9	28.1
Malaysia	0.2	0.7	1.3	1.6	2.3	8.8	9.1	12.8	11.5
Philippines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.0
Singapore	63.2	75.0	100.2	107.7	110.6	130.8	151.5	165.2	175.2
Taiwan	13.3	16.2	20.4	26.8	49.0	30.1	40.5	32.3	34.4
Thailand	2.2	3.4	4.0	6.9	8.0	9.2	7.1	8.1	7.3
South America, total	2.5	3.6	1.7	2.3	1.6	3.0	3.1	5.6	53.6
Argentina	0.3	0.2	0.3	0.4	0.5	1.1	1.1	1.6	48.8
Brazil	2.1	3.4	1.3	1.9	1.1	1.8	1.9	3.8	4.8
Chile	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.0
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Africa, total	0.2	0.5	0.5	3.3	7.9	5.9	1.8	3.0	3.3
Kenya	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Nigeria	0.0	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0
South Africa, Republic of	0.1	0.5	0.5	3.3	7.8	2.9	1.7	3.0	3.2
All other countries	559.5	538.7	622.7	471.6	440.6	556.8	589.6	695.5	695.2

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Opto-electronics									
Total, all countries	1,138.0	2,038.4	2,570.3	2,531.0	2,544.1	2,816.6	3,172.7	3,636.6	3,952.1
NAFTA partners, total	74.1	74.8	219.7	107.6	66.8	122.8	215.7	418.9	479.8
Canada	19.4	18.7	24.4	22.0	20.4	42.8	38.7	41.0	38.5
Mexico	54.7	56.1	195.3	85.6	46.4	80.0	176.9	377.9	441.3
Europe Four, total	42.3	104.6	90.7	93.3	89.1	132.0	142.0	154.5	167.3
France	2.9	5.3	4.7	9.7	11.3	10.3	15.6	21.7	25.2
Germany, Federal Republic of ..	16.0	57.1	41.7	38.3	38.8	59.0	48.9	65.5	70.7
Italy	1.4	1.9	4.0	13.3	8.4	16.0	4.6	13.0	14.3
United Kingdom	21.9	40.2	40.2	32.0	30.7	46.7	73.0	54.3	57.0
Other Western Europe, total	25.2	30.0	35.2	46.2	57.9	51.7	60.4	63.3	91.8
Belgium	7.3	3.6	4.2	3.8	6.1	5.8	11.3	7.9	16.0
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	1.3	1.7	6.2	13.7	15.0	11.6	0.8	3.3	2.4
Netherlands	3.0	6.8	5.7	4.2	9.2	10.3	15.7	12.5	11.0
Portugal	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9
Spain	0.1	2.0	1.0	1.2	1.0	1.6	0.6	2.7	9.1
Switzerland	13.6	15.7	18.0	23.3	26.6	22.3	31.9	36.8	52.4
Nordic Countries, total	7.2	9.2	4.5	10.4	10.8	12.9	16.9	20.9	13.3
Denmark	2.1	3.3	2.5	3.4	4.0	3.8	4.0	5.2	5.2
Finland	0.0	0.4	0.4	0.4	1.2	1.1	2.0	3.7	1.7
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.0	0.0	0.0	0.9	0.4	0.2	0.7	1.2	0.6
Sweden	5.1	5.6	1.6	5.7	5.2	7.7	10.1	10.7	5.8
Central/Eastern Europe, total	13.5	7.0	10.9	11.9	6.1	9.1	5.1	4.7	4.1
Austria	13.4	6.9	10.5	6.0	4.7	8.5	3.9	3.8	2.9
Czech Republic	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.4
Czechoslovakia	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.0	2.1	0.8	0.2	0.4	0.2	0.2
Poland	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1
Russia	0.0	0.0	0.0	3.6	0.4	0.3	0.5	0.4	0.4
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovenia	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Asia, total	968.8	1,803.9	2,196.2	2,242.2	2,287.2	2,450.6	2,669.7	2,896.6	3,088.4
China	8.9	17.4	33.3	57.0	178.8	338.4	385.8	468.5	676.6
Hong Kong	2.9	9.2	14.5	9.1	9.5	28.7	12.7	11.2	15.1
India	0.1	0.1	0.0	0.1	0.4	1.6	4.8	3.5	7.3
Indonesia	0.0	0.0	0.0	0.5	0.1	1.6	75.3	67.2	100.9
Japan	798.3	1,603.1	1,939.5	1,825.8	1,459.3	1,175.6	1,000.1	1,097.1	1,156.1
South Korea	32.9	37.4	50.2	40.0	29.7	61.8	54.3	42.5	40.2
Malaysia	19.9	27.4	48.6	140.1	373.8	503.2	477.6	372.6	346.8
Philippines	0.2	1.7	3.1	6.3	13.1	49.8	91.6	104.5	62.1
Singapore	58.9	45.2	56.4	68.8	77.5	81.7	245.7	228.4	188.3
Taiwan	46.2	62.2	50.1	85.5	125.7	175.9	270.7	426.5	443.0
Thailand	0.6	0.2	0.4	9.0	19.5	32.3	51.0	74.3	51.9
South America, total	0.6	0.1	0.3	0.3	0.2	0.2	0.6	1.5	2.4
Argentina	0.1	0.0	0.1	0.0	0.2	0.2	0.3	0.4	0.5
Brazil	0.5	0.1	0.1	0.3	0.0	0.0	0.3	1.0	1.9
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Africa, total	0.0	0.0	0.1	0.1	0.5	0.6	0.4	0.0	0.0
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.0	0.1	0.1	0.5	0.6	0.2	0.0	0.0
All other countries	6.3	8.8	12.8	19.0	25.3	36.7	62.0	76.3	105.1

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computers and telecommunications									
Total, all countries	30,110.5	29,153.4	33,848.5	39,790.2	49,440.0	58,865.6	61,346.1	69,701.8	74,130.0
NAFTA partners, total	2,843.9	3,179.2	3,581.8	4,044.0	5,911.8	7,672.8	8,560.3	10,215.9	11,135.8
Canada	2,186.6	2,667.2	2,880.6	3,207.7	4,249.2	5,587.8	5,399.6	5,892.1	6,253.5
Mexico	657.4	512.0	701.2	836.3	1,662.5	2,084.9	3,160.7	4,323.8	4,882.3
Europe Four, total	1,601.8	1,849.1	2,176.9	2,189.8	2,801.7	3,596.7	3,580.9	3,772.2	3,273.6
France	276.5	291.8	323.6	362.4	503.8	485.0	607.1	479.0	517.8
Germany, Federal Republic of	425.7	565.1	659.7	572.7	655.1	782.2	606.1	644.2	658.9
Italy	195.1	72.8	97.2	202.1	288.1	483.2	358.0	369.6	371.5
United Kingdom	704.5	919.3	1,096.5	1,052.6	1,354.7	1,846.2	2,009.7	2,279.4	1,725.4
Other Western Europe, total	472.6	604.2	669.3	894.3	630.9	801.4	1,054.8	1,638.6	2,546.3
Belgium	31.5	46.1	65.8	76.8	71.9	73.9	118.8	158.5	123.5
Greece	0.1	0.1	0.0	0.1	0.0	0.2	0.1	0.7	0.1
Ireland	246.3	400.7	457.1	608.5	350.2	513.3	687.0	1,161.8	2,001.6
Netherlands	122.0	91.9	95.7	136.0	139.2	136.8	129.0	156.1	155.3
Portugal	20.6	22.2	3.3	1.4	1.8	1.8	8.0	10.2	14.7
Spain	28.3	24.1	22.2	43.3	34.1	37.6	60.0	109.9	205.4
Switzerland	23.8	19.3	25.1	28.3	33.7	38.0	51.9	41.5	45.8
Nordic Countries, total	279.6	320.9	315.6	271.9	280.3	375.5	445.1	466.1	425.6
Denmark	20.8	31.3	32.1	27.3	34.6	38.0	36.2	33.9	49.0
Finland	18.6	11.4	21.8	32.4	33.8	38.2	31.7	142.2	93.2
Iceland	0.3	1.8	0.1	0.0	1.2	0.0	0.2	0.2	2.3
Norway	31.9	44.1	57.9	58.2	62.9	72.0	71.9	94.1	108.2
Sweden	207.9	232.3	203.6	154.0	147.8	227.2	305.1	195.7	172.8
Central/Eastern Europe, total	21.9	14.7	37.9	14.6	47.7	38.0	184.9	483.6	852.7
Austria	21.7	14.3	37.1	12.2	39.5	10.3	23.9	26.2	29.2
Czech Republic	0.0	0.0	0.0	0.3	0.5	0.6	3.7	10.4	7.2
Czechoslovakia	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.1	0.3	0.1	0.1	4.6	15.5	127.3	423.8	794.5
Poland	0.0	0.1	0.2	0.1	1.3	9.9	24.6	18.4	16.2
Russia	0.0	0.0	0.5	1.1	1.8	0.8	3.7	3.0	3.3
Slovakia	0.0	0.0	0.0	0.8	0.0	0.0	0.3	0.4	1.6
Slovenia	0.0	0.0	0.0	0.0	0.1	0.9	1.4	1.5	0.6
Asia, total	24,570.5	22,825.1	26,515.7	31,844.3	39,136.5	45,784.2	46,733.0	52,267.8	54,625.1
China	114.0	293.1	467.4	878.0	1,900.0	2,740.5	2,886.7	3,708.1	4,487.6
Hong Kong	889.6	725.6	721.4	833.5	669.8	570.4	507.4	389.0	293.2
India	2.6	6.0	11.7	26.6	32.2	65.6	104.3	197.4	67.4
Indonesia	5.0	56.4	235.8	332.3	460.0	452.7	341.6	521.2	574.5
Japan	13,055.9	11,580.4	12,415.7	14,296.0	16,103.2	16,384.2	15,250.6	15,829.8	15,051.6
South Korea	1,876.4	1,372.7	1,464.3	1,943.4	2,497.9	3,750.3	2,848.4	3,353.2	3,554.6
Malaysia	330.0	756.1	1,359.1	2,052.5	3,142.4	4,091.1	4,016.3	4,761.5	6,632.9
Philippines	94.7	115.6	225.0	252.8	258.9	502.5	949.2	1,716.8	2,392.3
Singapore	4,519.4	4,542.5	5,496.0	6,671.9	8,321.4	10,346.0	11,920.9	11,944.0	11,210.4
Taiwan	2,935.5	2,572.4	2,951.9	3,353.4	4,134.4	5,174.4	6,309.1	7,728.3	8,113.3
Thailand	747.3	804.4	1,167.3	1,203.9	1,616.3	1,706.6	1,598.5	2,118.5	2,247.2
South America, total	29.2	59.6	114.2	63.8	61.1	72.2	76.1	41.6	71.7
Argentina	5.3	7.9	31.4	26.8	25.0	5.9	3.4	2.9	2.0
Brazil	23.3	51.3	82.4	36.7	35.3	65.8	71.6	37.2	69.2
Chile	0.2	0.3	0.4	0.3	0.8	0.3	0.6	0.4	0.2
Peru	0.4	0.0	0.1	0.1	0.1	0.1	0.5	1.1	0.3
Africa, total	1.6	0.6	2.6	1.6	1.3	4.2	2.6	3.6	5.7
Kenya	0.1	0.1	1.7	0.6	0.3	2.3	2.0	2.7	0.8
Nigeria	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.4
South Africa, Republic of	1.4	0.5	0.9	1.0	0.9	1.9	0.6	0.9	4.6
All other countries	289.4	300.0	434.3	465.8	568.8	520.4	708.6	812.4	1,193.5

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Electronics									
Total, all countries	10,955.3	12,391.7	14,205.3	17,824.2	25,507.3	38,232.6	36,629.6	36,877.6	33,922.5
NAFTA partners, total	1,315.9	1,695.0	1,987.6	1,783.8	1,979.3	2,512.3	2,998.2	3,325.1	3,412.6
Canada	980.4	1,389.3	1,663.2	1,343.1	1,375.2	1,730.1	2,149.9	2,352.2	2,437.9
Mexico	335.5	305.7	324.4	440.7	604.2	782.2	848.4	972.9	974.7
Europe Four, total	597.3	613.8	649.7	751.6	1,624.7	2,346.4	2,283.7	2,130.6	2,205.3
France	74.0	64.8	76.8	84.5	403.5	763.3	849.6	688.0	896.0
Germany, Federal Republic of	258.2	286.0	300.3	297.1	491.1	698.7	708.0	712.9	681.5
Italy	41.5	33.5	40.0	84.6	236.3	213.9	205.8	170.4	112.3
United Kingdom	223.6	229.6	232.7	285.4	493.7	670.5	520.2	559.2	515.4
Other Western Europe, total	158.2	167.2	178.9	199.4	326.3	974.2	494.2	377.9	380.2
Belgium	4.3	1.9	2.6	3.5	7.8	12.2	38.2	37.3	40.6
Greece	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.8	0.1
Ireland	72.8	74.7	90.8	109.5	207.8	844.7	303.8	168.5	158.7
Netherlands	23.3	26.9	38.0	32.5	37.5	49.0	54.1	67.0	49.5
Portugal	8.5	4.7	12.2	34.4	10.5	30.4	43.7	51.8	57.2
Spain	39.5	49.5	29.8	9.0	48.9	18.6	26.2	19.7	17.0
Switzerland	9.5	9.1	5.5	10.5	13.7	19.1	28.1	32.9	57.1
Nordic Countries, total	17.7	19.9	13.8	28.4	40.3	56.1	95.4	101.2	92.5
Denmark	2.5	2.7	3.7	6.5	8.5	7.5	8.4	10.3	12.3
Finland	1.4	0.8	1.3	1.9	3.4	12.4	24.5	17.4	7.8
Iceland	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.1
Norway	0.7	2.3	0.8	0.9	0.8	2.3	2.5	5.2	4.0
Sweden	13.2	14.0	7.9	12.7	27.6	33.9	59.9	68.2	68.3
Central/Eastern Europe, total	13.0	9.8	6.7	24.0	45.1	62.3	84.5	87.1	111.0
Austria	12.5	9.7	5.7	20.6	39.5	51.9	67.8	69.2	82.7
Czech Republic	0.0	0.0	0.0	0.1	0.1	0.2	2.9	3.4	4.4
Czechoslovakia	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.3	0.9	2.6	5.5	5.6	10.8	17.3
Poland	0.5	0.0	0.4	0.7	1.3	2.3	1.8	2.5	5.1
Russia	0.0	0.0	0.1	1.7	1.3	1.7	5.8	1.0	1.2
Slovakia	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.1	0.0
Slovenia	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.3
Asia, total	8,796.4	9,804.4	11,294.4	14,965.4	21,276.6	32,066.2	30,409.5	30,547.1	27,264.7
China	1.1	2.2	6.9	29.8	86.6	170.9	232.4	336.8	553.0
Hong Kong	267.1	283.2	376.2	561.1	666.9	1,136.1	1,105.3	1,325.9	1,121.2
India	2.0	2.2	1.5	3.0	4.2	11.0	14.2	26.1	20.5
Indonesia	13.5	26.1	43.0	44.8	54.2	127.4	163.4	211.1	226.0
Japan	2,749.0	3,365.7	3,802.1	5,036.3	7,222.7	10,124.2	8,275.5	7,382.6	5,604.3
South Korea	1,618.7	1,771.7	1,945.7	2,483.1	3,947.8	7,038.5	6,264.4	6,040.4	5,331.5
Malaysia	1,538.2	1,528.3	1,877.1	2,675.7	3,397.7	4,970.0	4,972.0	5,083.0	4,189.6
Philippines	550.5	634.7	807.2	1,057.1	1,368.9	1,944.1	2,410.4	3,205.0	3,888.6
Singapore	1,052.5	1,140.8	1,215.5	1,341.1	2,020.7	2,771.6	2,948.2	2,525.8	2,089.9
Taiwan	626.5	668.6	911.0	1,263.8	1,840.9	2,887.8	3,087.4	3,409.6	3,286.7
Thailand	377.3	381.0	308.0	469.7	666.0	884.6	936.4	1,000.8	953.3
South America, total	5.8	5.0	5.1	4.8	2.0	2.0	3.5	1.9	8.3
Argentina	0.1	0.0	0.1	0.1	0.2	0.1	0.3	0.0	0.0
Brazil	5.7	5.0	5.0	4.8	1.7	1.9	3.1	1.9	8.2
Chile	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Peru	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Africa, total	0.4	0.4	2.1	1.0	3.7	3.4	8.2	1.2	0.9
Kenya	0.4	0.2	2.0	0.8	0.3	0.4	0.8	0.4	0.4
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.2	0.1	0.2	3.4	3.0	7.3	0.7	0.6
All other countries	50.6	76.2	67.0	65.9	209.3	209.8	252.4	305.7	447.0

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.
U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Computer-integrated manufacturing									
Total, all countries	1,676.6	1,789.7	1,684.5	2,222.2	2,899.7	4,947.5	5,740.7	6,798.1	6,575.6
NAFTA partners, total	26.0	27.7	35.4	58.6	80.8	353.0	430.7	396.1	314.5
Canada	25.5	26.5	33.9	58.0	80.0	144.2	278.5	276.9	230.5
Mexico	0.6	1.3	1.4	0.6	0.7	208.8	152.2	119.2	84.0
Europe Four, total	314.1	298.4	301.5	342.0	397.7	773.6	989.6	1,156.7	1,238.7
France	18.8	12.2	12.6	17.6	18.2	61.1	65.1	77.0	88.9
Germany, Federal Republic of ..	171.5	198.7	196.5	221.3	222.4	418.2	535.5	661.2	718.7
Italy	29.0	25.8	27.5	35.8	62.9	76.0	113.9	98.9	125.5
United Kingdom	94.9	61.7	64.9	67.3	94.2	218.3	275.0	319.7	305.6
Other Western Europe, total	84.4	99.7	98.2	94.4	134.9	436.7	489.2	633.5	619.7
Belgium	4.3	0.5	0.8	5.7	4.8	12.3	15.2	8.8	16.5
Greece	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Ireland	0.0	0.3	0.2	0.4	1.0	3.5	8.0	6.4	5.8
Netherlands	15.2	35.0	27.8	18.4	16.4	254.2	278.2	395.1	349.4
Portugal	0.2	0.2	0.4	0.7	0.1	0.0	0.6	2.1	1.7
Spain	5.1	2.2	3.1	2.5	6.7	10.1	17.7	25.7	31.7
Switzerland	59.6	61.4	66.0	66.6	105.8	156.5	169.5	195.5	214.4
Nordic Countries, total	57.4	30.6	41.7	87.8	106.2	157.4	166.0	136.6	147.9
Denmark	0.2	0.3	0.5	1.0	2.9	3.5	4.3	5.9	10.5
Finland	6.0	7.3	5.0	12.8	14.9	16.9	23.2	30.0	37.2
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Norway	0.4	1.0	1.3	0.5	3.2	14.9	13.7	6.5	3.1
Sweden	50.8	22.0	35.0	73.4	85.3	122.0	124.8	94.1	97.1
Central/Eastern Europe, total	18.2	8.0	15.2	32.8	34.5	61.0	79.0	78.5	81.8
Austria	16.8	6.7	12.0	18.1	18.9	34.9	48.0	32.6	29.7
Czech Republic	0.0	0.0	0.0	11.2	12.2	22.7	27.8	38.8	44.9
Czechoslovakia	0.0	0.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	1.1	0.8	0.3	1.6	2.5	1.3	0.8	1.6	2.3
Poland	0.4	0.2	0.2	1.0	0.6	1.4	2.1	3.7	3.7
Russia	0.0	0.0	0.3	0.3	0.1	0.7	0.2	1.2	0.8
Slovakia	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.5	0.3
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Asia, total	1,162.6	1,309.6	1,166.1	1,581.8	2,109.5	3,110.1	3,511.5	4,287.9	4,095.8
China	1.1	1.1	1.2	3.0	3.3	19.7	21.4	31.1	37.3
Hong Kong	2.5	0.9	1.6	1.4	0.5	8.8	5.7	4.3	3.7
India	0.3	0.4	0.1	0.3	0.9	1.0	0.7	1.5	1.8
Indonesia	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.4
Japan	1,103.5	1,247.1	1,106.5	1,501.8	1,967.9	2,792.6	3,116.6	3,859.4	3,586.1
South Korea	9.4	11.1	9.6	16.6	41.4	122.1	162.7	182.4	185.8
Malaysia	0.7	0.9	0.8	0.8	1.6	5.0	10.3	1.7	2.7
Philippines	0.0	0.0	0.1	0.0	0.1	4.0	0.9	9.0	7.0
Singapore	10.1	10.6	12.1	8.7	12.8	26.3	35.3	35.3	40.8
Taiwan	31.4	29.1	26.7	37.4	63.6	103.6	133.5	147.1	209.1
Thailand	3.5	8.4	7.3	11.7	17.4	26.9	24.4	16.0	21.1
South America, total	0.6	2.2	1.3	3.6	8.3	15.7	22.9	28.8	11.3
Argentina	0.0	0.0	0.1	0.1	0.0	0.7	0.2	0.1	0.2
Brazil	0.5	2.2	1.2	3.5	8.3	15.0	22.4	28.5	11.2
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Africa, total	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.2	1.5
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.2	1.4
All other countries	13.3	13.4	25.1	21.2	27.8	40.0	51.2	79.7	64.4

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98

(In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Material design									
Total, all countries	1,045.6	1,051.5	1,548.4	2,052.9	1,091.8	1,527.6	1,347.2	1,400.1	1,137.2
NAFTA partners, total	63.4	74.3	105.2	60.7	45.8	41.6	168.3	143.5	207.5
Canada	42.4	58.5	93.7	49.5	40.0	33.3	150.6	123.5	182.6
Mexico	21.0	15.8	11.4	11.2	5.8	8.3	17.7	20.0	24.9
Europe Four, total	227.1	152.8	267.5	491.9	150.7	237.0	224.2	236.5	200.3
France	116.5	63.9	80.5	186.2	26.3	61.3	27.5	38.1	40.3
Germany, Federal Republic of	64.5	52.0	106.3	120.4	98.7	147.5	159.3	154.1	128.7
Italy	1.5	1.3	7.4	22.7	11.1	7.0	15.7	22.5	7.9
United Kingdom	44.6	35.6	73.4	162.7	14.7	21.3	21.7	21.7	23.5
Other Western Europe, total	18.4	26.6	29.7	50.6	13.5	24.3	33.0	34.8	34.1
Belgium	0.7	0.2	0.3	0.2	0.1	2.3	0.5	2.5	6.3
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Ireland	2.4	1.2	2.0	5.8	2.5	2.9	3.5	3.0	2.0
Netherlands	1.9	3.3	3.5	5.3	4.4	10.1	13.8	19.7	15.9
Portugal	0.2	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0
Spain	10.5	18.3	17.0	29.4	0.1	0.1	0.3	0.1	0.1
Switzerland	2.7	3.3	6.7	9.6	6.4	8.8	15.0	9.3	9.8
Nordic Countries, total	8.8	16.2	16.2	19.7	15.1	16.3	20.3	30.7	61.7
Denmark	4.3	8.7	4.1	11.1	11.3	8.9	11.3	18.4	45.5
Finland	0.8	0.7	0.5	0.1	0.9	4.4	7.9	11.1	14.8
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.6	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.7
Sweden	3.1	6.6	11.6	8.4	2.8	2.9	1.0	1.0	0.6
Central/Eastern Europe, total	0.8	1.3	1.3	2.9	6.5	12.5	12.4	11.1	7.8
Austria	0.6	0.7	1.1	2.2	4.3	5.6	3.9	2.1	0.8
Czech Republic	0.0	0.0	0.0	0.1	0.6	3.6	2.6	4.3	4.0
Czechoslovakia	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Poland	0.2	0.5	0.1	0.3	0.8	2.1	4.2	2.9	1.2
Russia	0.0	0.0	0.1	0.2	0.6	1.2	1.7	1.7	1.7
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Slovenia	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Asia, total	628.6	651.2	979.8	1,332.1	854.8	1,191.9	881.6	929.8	606.8
China	0.6	0.5	1.1	6.5	5.3	16.4	31.3	36.7	17.8
Hong Kong	10.5	8.0	10.4	11.6	8.7	9.6	4.0	3.0	2.8
India	2.9	2.3	1.9	1.1	1.4	2.9	4.8	5.1	4.8
Indonesia	0.3	0.1	0.2	0.1	0.0	0.2	0.1	0.6	0.1
Japan	485.3	461.8	673.9	847.2	478.9	660.8	629.9	690.5	426.6
South Korea	43.0	34.4	47.8	60.4	41.3	74.0	75.4	42.7	39.5
Malaysia	16.1	17.4	80.1	96.5	76.8	95.8	83.6	98.0	75.3
Philippines	12.0	12.5	12.6	8.1	5.7	9.1	1.2	0.6	0.2
Singapore	24.9	43.6	49.3	81.5	53.0	54.5	14.2	18.6	13.3
Taiwan	31.2	68.5	98.5	215.7	179.7	262.7	23.6	19.7	18.8
Thailand	1.8	2.1	3.9	3.5	3.9	6.0	13.6	14.4	7.5
South America, total	1.9	1.4	1.2	0.3	0.1	0.2	0.3	0.4	0.5
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	1.9	1.4	1.2	0.3	0.1	0.2	0.3	0.4	0.5
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Africa, total	0.2	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0
Kenya	0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0
All other countries	96.3	127.7	147.4	94.5	5.4	3.6	6.8	13.3	18.5

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Aerospace									
Total, all countries	10,713.8	12,106.0	12,687.2	11,613.3	11,135.6	10,540.5	12,805.7	17,106.5	21,984.0
NAFTA partners, total	2,414.0	2,575.0	2,336.9	2,059.2	2,317.2	2,381.5	3,185.8	3,745.0	4,688.1
Canada	2,363.8	2,526.1	2,291.1	2,019.4	2,281.5	2,343.5	3,140.0	3,683.4	4,619.5
Mexico	50.2	48.8	45.8	39.8	35.7	38.0	45.8	61.6	68.6
Europe Four, total	5,981.8	6,727.5	7,642.7	7,169.4	6,660.1	5,842.4	6,619.5	9,186.6	12,288.4
France	2,702.7	3,420.8	4,093.6	4,038.8	3,424.9	2,621.0	2,717.0	3,781.1	5,399.3
Germany, Federal Republic of	519.7	470.7	517.4	450.9	620.4	785.5	937.5	1,159.4	1,859.8
Italy	363.3	582.1	510.6	356.4	268.6	363.9	505.6	394.5	499.0
United Kingdom	2,396.1	2,253.9	2,521.0	2,323.3	2,346.2	2,072.0	2,459.3	3,851.6	4,530.3
Other Western Europe, total	543.4	933.6	1,115.0	889.3	674.2	483.9	359.3	548.9	554.9
Belgium	63.1	51.6	50.8	64.3	50.1	36.3	59.4	109.0	124.7
Greece	0.0	0.2	0.5	0.7	0.9	0.5	2.4	4.7	3.4
Ireland	23.5	17.5	9.7	13.5	15.3	18.0	38.3	66.1	55.3
Netherlands	325.6	665.6	883.8	699.3	500.6	303.0	118.4	218.5	214.0
Portugal	0.3	0.1	0.2	0.4	0.4	0.1	0.1	0.3	3.4
Spain	107.4	156.3	145.2	90.2	84.2	81.8	81.7	92.2	83.0
Switzerland	23.3	42.1	24.7	20.8	22.8	44.4	58.9	58.0	71.1
Nordic Countries, total	376.7	395.8	287.6	194.5	169.2	217.5	418.7	379.4	414.9
Denmark	17.9	12.8	9.8	10.8	14.9	12.1	15.7	18.6	24.5
Finland	2.4	3.6	4.8	6.5	12.8	25.2	29.3	24.8	19.1
Iceland	0.0	0.5	0.0	0.0	0.2	0.0	2.0	0.1	0.1
Norway	59.5	48.3	41.2	41.2	38.4	41.0	44.1	55.2	72.4
Sweden	296.9	330.6	231.7	136.0	103.0	139.3	327.6	280.7	298.8
Central/Eastern Europe, total	9.9	8.0	8.1	9.8	18.2	35.5	38.5	102.4	72.9
Austria	5.7	5.2	5.0	3.7	3.7	5.9	6.7	21.1	41.2
Czech Republic	0.0	0.0	0.0	0.4	0.7	0.9	4.2	5.7	7.6
Czechoslovakia	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.4	0.0	0.1	0.5	0.1	0.4	0.3
Poland	4.2	2.7	2.2	1.9	4.3	4.1	5.1	8.0	11.2
Russia	0.0	0.0	0.1	3.7	9.4	24.1	22.4	67.2	12.6
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asia, total	678.5	865.2	857.2	875.0	917.4	975.2	1,440.8	2,216.7	2,423.4
China	21.7	25.6	29.6	62.3	40.2	51.4	74.5	49.5	63.7
Hong Kong	6.3	0.9	2.3	1.5	10.7	2.1	3.8	12.9	7.5
India	0.4	2.9	0.7	0.5	0.8	0.5	0.8	3.1	9.8
Indonesia	0.9	6.6	2.5	3.0	6.1	12.0	1.9	9.7	2.0
Japan	487.3	614.5	575.3	526.4	564.8	638.2	1,002.5	1,647.1	1,783.0
South Korea	101.1	117.1	127.8	117.7	89.6	70.1	92.4	133.4	193.8
Malaysia	0.0	0.5	1.5	0.7	1.1	1.1	11.8	7.7	17.6
Philippines	0.4	1.0	1.5	2.9	8.4	9.4	9.8	17.2	9.8
Singapore	56.1	85.0	110.0	140.9	179.1	164.1	201.6	268.2	277.9
Taiwan	4.3	10.4	5.9	18.2	16.0	13.7	7.3	25.0	48.4
Thailand	0.0	0.7	0.2	0.9	0.5	12.7	34.4	42.9	9.9
South America, total	320.2	171.0	111.3	111.6	69.2	123.5	163.5	325.3	887.5
Argentina	0.1	0.1	0.6	0.5	0.7	3.4	6.1	2.0	2.3
Brazil	320.0	170.7	110.5	110.7	68.2	119.7	156.7	322.8	884.8
Chile	0.0	0.2	0.1	0.3	0.2	0.3	0.1	0.4	0.3
Peru	0.0	0.0	0.1	0.1	0.1	0.1	0.5	0.0	0.1
Africa, total	0.2	0.1	1.8	1.6	1.1	3.8	1.7	0.9	2.7
Kenya	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.0
Nigeria	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0
South Africa, Republic of	0.1	0.0	1.5	1.3	1.0	3.6	1.6	0.8	2.6
All other countries	389.2	429.9	326.7	302.9	309.0	477.1	578.1	601.3	651.3

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98

(In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Weapons									
Total, all countries	129.9	167.8	156.9	164.7	143.9	205.0	264.8	299.0	287.6
NAFTA partners, total	29.3	33.2	40.2	19.9	8.2	13.1	23.2	45.5	56.1
Canada	29.0	27.1	25.1	12.1	6.4	13.1	20.7	27.0	27.9
Mexico	0.4	6.1	15.0	7.8	1.8	0.0	2.5	18.5	28.3
Europe Four, total	61.4	76.0	62.3	90.7	71.4	93.0	131.6	128.3	113.6
France	2.0	13.4	25.2	0.6	0.0	2.0	2.3	1.3	2.1
Germany, Federal Republic of ..	20.4	19.2	7.6	11.7	15.9	33.9	82.8	80.6	68.6
Italy	4.0	0.8	0.7	0.5	0.8	3.7	4.1	1.8	0.7
United Kingdom	34.9	42.5	28.8	77.9	54.7	53.3	42.4	44.6	42.2
Other Western Europe, total	6.1	13.8	8.3	5.6	3.5	9.5	11.2	11.8	5.4
Belgium	0.9	1.1	0.3	2.6	2.1	2.6	2.0	1.8	0.0
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Netherlands	3.0	4.1	1.6	1.4	0.2	3.5	5.8	7.7	1.6
Portugal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spain	0.9	0.6	0.7	0.8	0.9	3.3	3.0	1.9	3.0
Switzerland	1.3	8.0	5.7	0.7	0.3	0.2	0.4	0.4	0.7
Nordic Countries, total	14.8	18.5	13.3	4.8	5.5	0.7	2.0	11.3	9.2
Denmark	1.1	0.6	1.4	2.0	0.9	0.1	0.2	0.3	0.4
Finland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iceland	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.0	0.3	0.8	0.4	0.1	0.6	1.0	2.4	4.2
Sweden	13.7	14.9	11.0	2.4	4.5	0.0	0.8	8.6	4.6
Central/Eastern Europe, total	0.3	0.5	0.9	2.2	2.6	5.5	4.7	3.5	7.4
Austria	0.3	0.5	0.8	0.5	1.0	1.4	0.6	0.7	0.9
Czech Republic	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2
Czechoslovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Russia	0.0	0.0	0.1	1.3	1.6	4.1	4.0	2.6	4.7
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asia, total	6.5	8.4	8.1	11.2	13.1	57.3	74.4	75.5	80.0
China	0.9	0.8	1.4	3.4	2.3	14.3	29.1	31.6	30.5
Hong Kong	0.1	0.1	0.1	0.2	0.0	0.0	0.6	0.0	0.5
India	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	2.2	2.6	2.6	3.5	4.7	11.6	9.2	9.9	9.6
South Korea	1.4	2.8	2.4	2.7	3.7	7.8	5.3	6.1	5.7
Malaysia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Philippines	0.0	0.0	0.0	0.3	0.0	5.2	5.1	2.2	3.3
Singapore	0.4	0.2	0.3	0.0	0.8	1.4	1.6	1.4	1.0
Taiwan	1.5	1.9	1.2	1.2	1.6	16.8	23.3	24.0	28.8
Thailand	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
South America, total	2.0	0.2	0.1	0.1	0.6	0.1	0.2	0.2	0.1
Argentina	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0
Brazil	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	2.0	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Africa, total	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.2	0.3
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.2	0.3
All other countries	9.4	17.1	23.7	30.0	38.8	25.6	17.6	22.7	15.5

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.
U.S. trade in advanced technology products: 1990–98
 (In millions of U.S. dollars)

Region or country	Imports								
	1990	1991	1992	1993	1994	1995	1996	1997	1998
Nuclear technology									
Total, all countries	4.5	3.0	5.2	7.9	22.7	39.8	85.1	134.9	765.1
NAFTA partners, total	0.2	0.3	0.2	0.1	0.2	7.5	8.2	13.2	18.8
Canada	0.2	0.3	0.2	0.1	0.2	7.5	8.2	13.2	18.8
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Europe Four, total	0.5	0.9	2.8	3.0	0.8	15.4	33.9	32.0	217.8
France	0.2	0.0	2.2	1.9	0.5	3.1	5.7	11.3	120.3
Germany, Federal Republic of ..	0.1	0.7	0.0	1.1	0.2	4.4	19.0	9.5	48.4
Italy	0.0	0.0	0.0	0.0	0.1	1.0	0.6	0.1	0.2
United Kingdom	0.2	0.1	0.6	0.1	0.0	7.0	8.6	11.1	48.8
Other Western Europe, total	0.0	0.0	0.0	0.0	0.0	1.9	1.7	2.4	31.5
Belgium	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.6
Greece	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5	0.4
Netherlands	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	30.5
Portugal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spain	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Switzerland	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Nordic Countries, total	1.9	0.4	0.0	0.0	1.0	7.3	33.6	12.4	47.2
Denmark	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Finland	0.0	0.0	0.0	0.0	0.0	4.5	4.9	5.0	2.9
Iceland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norway	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sweden	1.9	0.4	0.0	0.0	1.0	2.7	28.7	7.4	44.2
Central/Eastern Europe, total	0.0	0.0	0.0	0.0	17.7	0.3	1.7	25.9	411.0
Austria	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Czech Republic	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Czechoslovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hungary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Russia	0.0	0.0	0.0	0.0	17.7	0.0	1.7	25.8	410.8
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asia, total	1.8	1.4	2.2	4.3	2.4	6.7	4.7	3.7	5.0
China	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.6
Hong Kong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.3
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Japan	1.8	1.4	2.2	4.3	2.4	5.8	3.6	2.1	2.9
South Korea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0
Philippines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Singapore	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Taiwan	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Thailand	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2
South America, total	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Chile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Africa, total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa, Republic of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other countries	0.0	0.0	0.1	0.5	0.6	0.7	1.4	45.4	33.9

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 7-6.

U.S. trade in advanced technology products: 1990-98
 (In millions of U.S. dollars)

Region or country	Imports									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	
Software										
Total, all countries	157.4	196.0	295.0	360.0	436.5	559.8	588.0	506.9	744.8	
NAFTA partners, total	58.4	72.4	112.0	113.7	120.2	136.9	175.4	97.1	124.4	
Canada	55.9	68.5	108.6	108.4	116.9	133.9	170.8	90.1	118.4	
Mexico	2.5	3.9	3.5	5.3	3.3	3.0	4.6	7.0	6.0	
Europe Four, total	29.7	37.9	57.2	67.2	70.8	94.3	93.9	74.9	126.2	
France	7.4	5.3	7.5	12.8	13.5	14.9	14.4	9.5	9.6	
Germany, Federal Republic of ..	8.7	12.2	21.9	16.5	23.3	39.6	39.6	30.5	50.5	
Italy	1.0	0.6	1.2	1.7	2.9	4.8	3.4	2.8	2.9	
United Kingdom	12.7	19.8	26.6	36.1	31.1	35.0	36.5	32.1	63.2	
Other Western Europe, total	18.6	17.1	34.9	70.2	85.8	116.9	87.6	84.3	85.2	
Belgium	1.9	2.1	1.0	1.2	1.4	4.8	7.4	8.1	18.8	
Greece	0.0	0.0	0.0	0.1	0.1	0.0	1.2	0.8	0.2	
Ireland	2.0	4.3	17.6	34.7	33.9	11.0	12.7	6.9	10.4	
Netherlands	10.6	9.2	14.3	31.5	46.1	96.6	60.3	63.7	49.7	
Portugal	0.0	0.0	0.0	0.1	0.2	0.4	0.2	0.2	0.1	
Spain	0.1	0.1	0.3	0.3	0.6	0.9	2.1	1.6	1.1	
Switzerland	3.9	1.3	1.7	2.4	3.6	3.1	3.7	3.0	4.8	
Nordic Countries, total	3.0	4.1	3.4	11.4	12.3	13.5	22.9	13.6	14.6	
Denmark	1.7	2.8	2.1	9.0	8.9	3.4	5.5	2.8	3.4	
Finland	0.5	0.3	0.3	0.7	0.7	3.4	9.0	2.7	1.5	
Iceland	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	
Norway	0.1	0.3	0.3	0.4	0.5	0.6	0.9	1.0	0.9	
Sweden	0.7	0.7	0.6	1.3	2.2	5.8	7.3	7.1	8.7	
Central/Eastern Europe, total	0.5	0.5	0.7	1.4	2.1	4.8	7.0	6.6	26.6	
Austria	0.5	0.4	0.5	1.0	1.1	3.0	2.3	2.8	3.2	
Czech Republic	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	
Czechoslovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Hungary	0.0	0.0	0.1	0.2	0.6	0.8	1.0	1.2	1.4	
Poland	0.0	0.0	0.0	0.1	0.3	0.3	0.8	0.9	18.4	
Russia	0.0	0.0	0.0	0.0	0.0	0.7	2.7	1.7	3.0	
Slovakia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Slovenia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Asia, total	42.5	60.0	76.8	86.4	124.7	171.7	178.9	184.1	336.5	
China	0.1	0.6	4.8	8.9	6.2	3.4	3.5	1.8	15.1	
Hong Kong	1.5	2.4	9.1	2.0	2.5	2.3	3.5	1.1	24.8	
India	0.7	0.7	0.7	2.4	4.8	7.6	7.4	22.6	11.9	
Indonesia	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.1	0.4	
Japan	22.2	31.3	28.7	25.6	26.2	30.1	24.9	32.8	80.0	
South Korea	2.2	2.6	2.0	2.1	1.1	1.3	3.2	2.2	3.3	
Malaysia	0.1	0.0	0.1	0.2	0.1	1.4	55.1	48.8	92.4	
Philippines	0.0	0.0	0.0	0.0	0.1	1.1	0.4	0.3	2.1	
Singapore	9.7	11.7	17.9	32.2	69.5	108.8	41.8	8.1	10.0	
Taiwan	5.9	10.7	13.4	12.8	13.3	15.6	39.0	64.7	92.6	
Thailand	0.0	0.0	0.0	0.1	0.1	0.1	0.1	1.6	3.9	
South America, total	0.2	0.1	0.1	0.9	7.8	4.7	1.1	8.9	1.0	
Argentina	0.0	0.0	0.0	0.8	7.5	4.4	0.3	6.9	0.5	
Brazil	0.0	0.0	0.1	0.0	0.2	0.2	0.3	0.0	0.4	
Chile	0.2	0.0	0.0	0.0	0.1	0.2	0.5	1.9	0.1	
Peru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Africa, total	0.1	0.1	0.0	0.0	0.1	0.2	0.1	0.2	0.1	
Kenya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Nigeria	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
South Africa, Republic of	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	
All other countries	4.5	3.8	9.8	8.7	12.7	16.9	21.1	37.2	30.2	

SOURCE: U.S. Bureau of the Census, Foreign Trade Division, Washington, DC.

See figures 7-13 and 7-14 in Volume 1.